

NUMBERS & ODDITIES
the Spooks Newsletter
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After a special edition in June, we're back to normal now. Included are the info supplied by you in June and July. The newsletter edition also includes a logs section and an Intelligence Profile; this time we focus on Mexico.

The most important news in July is about E22. IT'S BACK!!! After many, many years of silence it suddenly popped up again. See the Voice section for more info.

The info in this issue were provided by Vambo, Jim, Attu, Igor, Kristian, Sven, Paolo, Sam, Klaus, Tony, James, Al, Tomonori, Mike, Day, Paul, Trond, Jochen, Nod, Tom, Leif and various monitors who prefer to remain unnamed.

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* VOICE STATIONS *

::: E03 LINCOLNSHIRE POACHER

Idents 1st half of June.

UTC	Mon	Tue	Wed	Thu	Fri	Sat	Sun	UTC
1200	41669	41669	41669	41669	41669	41669	41669	1200
1300	51962	51962	51962	51962	51962	51962	51962	1300
1400	88186	71390	34270	16925	41669	47487	38672	1400
1500	38672	88186	71390	34270	16925	41669	87470	1500
1600	87470	38672	88186	71390	34270	16925	47487	1600
1700	47487	87470	38672	88186	71390	34270	41669	1700
1800	41669	47487	87470	38672	88186	71390	16925	1800
1900	16925	51962	47487	51962	38672	88186	51962	1900
2000	51962	41669	51962	87470	51962	38672	34270	2000
2100	34270	16925	41669	47487	87470	51962	71390	2100
2200	71390	34270	16925	41669	47487	87470	88186	2200

Idents 2nd half of June.

UTC	Mon	Tue	Wed	Thu	Fri	Sat	Sun	UTC
1200	66504	66504	66504	66504	66504	66504	66504	1200
1300	10607	10607	10607	10607	10607	10607	10607	1300
1400	88561	12046	88258	51783	66504	32979	64245	1400
1500	64245	88561	12046	88258	51783	66504	60890	1500
1600	60890	64245	88561	12046	88258	51783	32979	1600
1700	32979	60890	64245	88561	12046	88258	66504	1700
1800	66504	32979	60890	64245	88561	12046	51783	1800
1900	51783	10607	32979	10607	64245	88561	10607	1900
2000	10607	66504	10607	60890	10607	64245	88258	2000
2100	88258	51783	66504	32979	60890	10607	12046	2100
2200	12046	88258	51783	66504	32979	60890	88561	2200

Idents 1st half of July.

UTC	Mon	Tue	Wed	Thu	Fri	Sat	Sun	UTC
1200	22055	22055	22055	22055	22055	22055	22055	1200
1300	52835	52835	52835	52835	52835	52835	52835	1300
1400	40471	19466	25547	76157	22055	29742	63696	1400
1500	63696	40471	19466	25547	76157	22055	43707	1500
1600	43707	63696	40471	19466	25547	76157	29742	1600
1700	29742	43707	63696	40471	19466	25547	22055	1700
1800	22055	29742	43707	63696	40471	19466	76157	1800
1900	76157	52835	29742	52835	63696	40471	52835	1900
2000	52835	22055	52835	43707	52835	63696	25547	2000
2100	25547	76157	22055	29742	43707	52835	19466	2100
2200	19466	25547	76157	22055	29742	43707	40471	2200

Idents 2nd half of July.

UTC	Mon	Tue	Wed	Thu	Fri	Sat	Sun	UTC
1200	77402	77402	77402	77402	77402	77402	77402	1200
1300	13612	13612	13612	13612	13612	13612	13612	1300
1400	40249	24324	24511	87416	77402	37122	98722	1400
1500	98722	40249	24324	24511	87416	77402	32955	1500
1600	32955	98722	40249	24324	24511	87416	37122	1600
1700	37122	32955	98722	40249	24324	24511	77402	1700
1800	77402	37122	32955	98722	40249	24324	87416	1800
1900	87416	13612	37122	13612	98722	40249	13612	1900
2000	13612	77402	13612	32955	13612	98722	24511	2000
2100	24511	87416	77402	37122	32955	13612	24324	2100
2200	24324	24511	87416	77402	37122	32955	40249	2200

The idents were compiled by A1.

<<<<<>>>>>

::: E03a (E04) CHERRY RIPE

Idents 1st half of June.

UTC	Sun	Mon	Tue	Wed	Thu	Fri	UTC
2200	97223	11871	88791	83237	11871		2200
2300	11871	88791	83237	11871	57972		2300
0000		88791	83237	11871	57972	19118	0000
0100		83237	11871	57972	19118	76229	0100
1000		11871	57972	19118	76229	97223	1000
1100		57972	19118	76229	97223	11871	1100
1200		19118	76229	97223	11871	88791	1200
1300		76229	97223	11871	88791	83237	1300

Idents 2nd half of June.

UTC	Sun	Mon	Tue	Wed	Thu	Fri	UTC
2200	89507	93172	20150	17513	93172		2200
2300	93172	20150	17513	93172	63635		2300
0000		20150	17513	93172	63635	15510	0000
0100		17513	93172	63635	15510	19872	0100
1000		93172	63635	15510	19872	89507	1000
1100		63635	15510	19872	89507	93172	1100
1200		15510	19872	89507	93172	20150	1200
1300		19872	89507	93172	20150	17513	1300

The idents were compiled by Tomonori.

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::: E07

Mike reported a number of E07 transmissions.

Freq	date	UTC	message
13468	12-6	1700	441 441 441 1
12141	12-6	1720	441 441 441 1
10436	12-6	1740	441 441 441 1
13376	22-6	2000	319 319 319 1
11103	22-6	2020	319 319 319 1

9928	22-6	2040	319	319	319	1
13376	27-6	2000	319	319	319	1
11103	27-6	2020	319	319	319	1
9928	27-6	2040	319	319	319	1
10324	29-6	1808	in progress			
13511	30-6	2010	113	113	113	1
12115	30-6	2030	113	113	113	1
11132	30-6	2050	113	113	113	1
13468	3-7	1700	441	441	441	1
11454	3-7	1720	441	441	441	1
10126	3-7	1740	441	441	441	1

<<<<<>>>>>

::: E10

In June and July E10 transmitted several strings and "1" suffixes.

1-6, 0715 UTC, 7760 kHz	: KPA 62
1-6, 0730 UTC, 7760 kHz	: ULX 3
6-6, 2330 UTC, 4360//6930 kHz	: SYN 81
6-6, 2330 UTC, 4165//5230//6912 kHz	: CIO 65T1
6-6, 2330 UTC, 4015//5170//6370 kHz	: VLB 103
7-6, 2000 UTC, 9202 kHz	: YHF 1
26-6, 1900 UTC, 5091 kHz	: JSR 1
11-7, 1900 UTC, 4270 kHz	: PCD1
12-7, 1800 UTC, 4880 kHz	: ULX1
16-7, 1900 UTC, 4270 kHz	: PCD1
24-7, 1800 UTC, 4880 kHz	: ULX1
27-7, 1800 UTC, 4880 kHz	: ULX1
28-7, 1800 UTC, 4880 kHz	: ULX1
28-7, 1900 UTC, 4270 kHz	: PCD1

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::: E11

E11 was reported by a number of monitors. Thanks for the logs folks.

Freq.	date	UTC	message
7663	30-6	0800	232/00
8544	5-7	0830	182/00
9610	5-7	1030	312/00
9448	5-7	1230	312/00
9448	5-7	1300	183/00
9902	6-7	1100	186/00
8091	8-7	0800	232/00

9610	8-7	1031	312/00
10125	8-7	1200	187/00
9448	8-7	1230	312/00
8544	12-7	0830	184/35
9902	13-7	1100	186/00
8091	15-7	0800	232/00
8091	15-7	0900	232/00
9610	15-7	1030	312/00
9448	15-7	1230	312/00
9610	26-7	1030	312/00
9448	26-7	1230	312/00
9950	26-7	1300	183/00
8091	29-7	0800	232/00
9610	29-7	1030	312/00

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::: E22

E22 is back!!! First reported on 20 September 1997, using the same set of frequencies then as it does now. The messages / idents are in English and consist of a 3-character group (2 letters and 1 digit). The announcer has an Arabic accent or something that sounds like it. Transmissions are in AM.

It was only heard for a couple of weeks in 1997 and no-one has reported it since, until it re-appeared on 9 July 2005. There was however one log on WUN on 7 Nov. 2004 that mentions a similar broadcast: "UL5" announced by a lady on 15040 kHz at 1000 UTC. Currently the messages are read by a man.

The station has a lot of followers. Many logs appeared on the WUN, Spooks and E2K mailing lists since it reappeared.

The station has scheduled transmissions at 0900, 1000, 1100, 1200, 1300, 1400 UTC on 15040//17385 kHz, but not daily. The station seems to have preference to Fridays and Saturdays.

The transmission begins with a carrier minutes before the message is being sent. Then at h00 the message is sent and repeated at h06. The start of the message is a bit odd. It begins with "This is ..." which often sounds like "Condition ..."; or is it really "Condition"? I have heard the station myself and I also heard a number of recordings and I must say that I am still not convinced which one it really is.

Guy copied the first oddity: the station on 16-7 at 1110 UTC with "BP3". 1110 UTC is outside the schedule. Other oddities were reported by a number of monitors. On several occasions voices could be heard in the

background. The language has not been recognised yet.

Idents/messages copied at the time of writing are: BP3, MN2, MN3, PN8, PS5, QT3, VP3, XN2, XN6, YD6, ZY8 plus FD7 and FD9, both heard in 1997 and UL5 heard in 2004.

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★ MORSE STATIONS ★

::: M13

Mark Slaten writes on 2 July: "I just found an M13 on 5917m at 0300z:

//Sked Begins //0300z

378 (R5) BT 285 21 BT
50029 00379 11387 08281 55884
21801 19910 50682 16768 13354
63348 28081 35383 44075 29153
51504 57941 45114 20986 62994
49008 BT //0310z
378 (R1) BT 285 21 BT
50029 00379 11387 08281 55884
21801 19910 50682 16768 13354
63348 28081 35383 44075 29153
51504 57941 45114 20986 62994
49008 BT
0 0 0 //0316z

//End of Sked

Note:

Voice QRM was heavy on this freq, but was just able to skirt around the edge by narrowing the bandwidth to get a good readable signal."

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Mark also found M13d at 0230z-0246z on 6715 kHz:

//Sked Begins //0230z

767 (R5) BT 206 21 BT
21823 45481 09775 45140 12523
21176 60687 19453 54606 14529
04072 62416 60627 10189 26000
01681 17936 36412 10128 17298
58531 BT //0241z

767 (R1) BT 206 21 BT
21823 45481 09775 45140 12523
21176 60687 19453 54606 14529
04072 62416 60627 10189 26000
01681 17936 36412 10128 17298
58531 BT
0 0 0 //0246z

//End of Sked

Note:

QRN very heavy, QRM (Voice and TTY was minimal). M13d signal fairly strong. Did not hear last night at same time and freq.

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::: M18

M18 now uses 4503 kHz. It sent the time as UTC+5 on 13-7 at 1906 UTC:
"0006 0006 0006 0007 0007 etc."

<<<<<>>>>>

::: M21

PV0 used 3246.5, 4595, 5221.5, 5873, 7095, 9222 and 10858 kHz in June and July. Id "0" was used on all frequencies.

=99t4t3??t?????
=99t4t4??t?????
=99t4t5??t?????

M21 variant: 5476 kHz with strings like "126126126 2275822758".

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::: M22

Israeli Navy in Haifa was heard on 11096 kHz in June by Paolo who also supplied a message from this station. I also copied the station on 4331, 6379 and 8437 in July while Fritz intercepted 4XZ in June on 2800, 4241, 5159, 8103, 10046, 12984 kHz until 6-6. Then from 6-6 to 2-7 on 2800, 4241, 5159, 8103 kHz and from 2-27 July on 2680, 4331, 6379 kHz. From 13 to 16 July the station also transmitted on 5147 kHz.

Fritz further comments: "There were no txm on 12-7. 2800 was in use since 1994, 4241 since 1987, 5159 since 2001, 8103 since 2000, 10046 since 1994 and 12984 since 1996."

VVV DE 4XZ 4XZ = =
 VVV DE 4XZ 4XZ = = VVV DE 4XZ 4XZ = = CQ7Z NR 221 ZZ GR Z1 ==
 HA6I NR 121 MI GR 11 == CQ7Z NR 221 ZZ GR 71 == HA6I NR 121 MI
 GR 11 == CQ7Z NR 221 ZZ GR 71 == HA6I NR 121 MI GR 11 == CQ7Z
 NR 221 ZZ GR 71 == HA6I NR 121 MI GR 11 == CQ7Z NR 221 ZZ GR
 71 == HA6I NR 121 MI GR 11 == CQ7Z NR 221 ZZ GR 71 == HA6I NR
 1 J1 MI GR 11 == CQ7Z NR 221 ZZ GR 71 == HA6I NR 121 MI GR 11
 == CQ7Z NR 221 ZZ GR 71 == HA6I NR 121 MI GR 11 == CQ7Z NR 221
 ZZ GR 71 == HA6I NR 121 MI GR 11 == CQ7Z NR 221 ZZ GR 71 == HA6I
 NR 121 MI GR 11 =VVV DE 4XZ HXZ = = AR AR NW QTC 1 NR 221 = =
 NR 221 ZZ V HA9S 522201 CQ7Z GR 71 == CZCZC YTCXT MUITN AOWQY
 YTYMZ ZLHCM ZSJIC IFFMM YYIPL NAHHI NHSTQ RPFKD CCHAS OUNWZ ICYRJ
 HNYFR YTCXT == NR 221 ZZ V HA9S 522201 CQ7Z GR 71 == CZCZC YTCXT
 MUITN AOWQY YTYMZ ZLHCM ZSJIC IFFMM YYIREL NAHHI NHSTQ RPFKD
 CCHAS OUNWZ ICYRJ HNYFR YTCXT == NR 221 ZZ V HA9S 522201 CQ7Z
 GR 71 == AR AR VVV DE 4XZ 4XZ = = VVV DE 4XZ 4XZ = = AR AR NW
 QTC 1 NR 121 = = NR 121 MI V LK8G 012201 HA6I GR 11 == HIHIH
 UCPFE IUAPM SBKGA OKJET LTOHI ERZZQ GNQIR HCGPM LJZEN UCPFE ==
 NR 121 MI V LK8G 012201 HA6I GR 11 == HIHIH UCPFE IUAPM SBKGA
 OKJET LTOHI ERZZQ GNQIR HCGPM LJZEN UCPFE == NR 121 MI V LK8G
 012201 HA6I GR 11 == AR AR

<<<<<>>>>>

::: FORMER M31

I usually do not mention these stations here but since I received this report from Fritz, I have included them one more time.

"Channel Markers of the French Air Force.

The format is always the same: "vvv vvv vvv de FDG FDG +". The usual mode is CW, very rarely Baudot 50 with a "ryryry" roundslip. These stations have been on the air for many years. A number of them have disappeared during the past few years. Stations like FDC (Metz), FDE14 (Contrexville) and FDY (Orleans).

From January 1st until mid July 2005 I heard 322 transmissions. The logs are accidental, as I did not search the bands for the stations.

QTH	Bordeaux		Narbonne		Nice		Tour
QRA	FDG		FDI22		FDI8		FDE2

	txm	from/to	txm	from/to	txm	from/to	txm UTC
MON	23	0720/2030	13	0950/1910	19	0810/1945	0
TUE	25	0737/2120	11	0800/1920	19	1210/1950	0
WED	21	0725/2010	10	0950/1958	26	0629/1958	0

THU	17	0648/1950	14	0845/2020	9	0930/1945	0	
FRI	18	0915/2140	11	0835/1915	13	0810/1940	0	
SAT	17	0645/2000	8	1235/1815	7	1030/1940	1	1430
SUN	19	0628/2010	10	1500/1936	10	0638/1935	1	1445

txm = number of transmissions copied.

Total transmissions of FDG: 140

Total transmissions of FDI22: 77

Total transmissions of FDI8: 103

Total transmissions of FDE2: 2

Highest QRG FDG: 13945. FDI22: 10991.5. FDI8: 7787. FDE2: 7002 kHz

Lowest QRG FDG: 2816. FDI22: 4753. FDI8: 4450. FDE2: 7002 kHz

QRGs used: 32 11 22 1

Most used: FDG: 5351, 7949 (14x). FDI22: 7739 (16x). FDI8: 4558.5 (15x)

Common QRGs: 7 (FDI8), 1 (FDG), 7 (FDG), 1 (FDI22)

The operation times of course do correspond to a great degree with my observation times. FDI22 might well operate at SAT and SUN mornings too. The number of transmissions is reasonably spread over the European day. From time to time there are periods of several days without any traffic, the last gap was from July 21st until July 25th. I did not find increased traffic during (officially announced) exercises of French Forces. Apart from the round slips I never heard any anomaly or even messages.

All stations change their frequencies around h+25 and h+55. There are exceptions. The same frequency may be used daily for a week at the same time or several times the same day or only once in 6 months. The times of operation however are not random, apart from some exceptions a certain frequency only show up in certain time slots.

All stations often operate on a parallel frequency, they are not in phase. Several stations may operate at the same times. The round slips always start with a garbled character, which however is different for each station."

Thanks for your report, Fritz.

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::: M51

M51 restarted its transmissions on Monday, 4th July. It used the same frequencies until the end of the month: 9363, 5190, 7994, 6980, 5838 and 5127 kHz.

The format is: nr 15 j 19 11:38:00 1983 = 5LG x100 (NO mistake, it uses 1983!)

(Source: Fritz)

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::: M87

Igor supplied a nice M87 message that he has copied on 11249 kHz at 0630 UTC on 24 June. Thanks Igor, you are still our single reporter of this station!

945 945 945 945 945 945 945 333
945 945 945 945 945 945 945 945 945 945 945 333
945 945 945 945 945 945 945 945 945 945 945 945 945 945 945 945 333
945 945 945 945 945 945 945 945 333
945 945 945 945 945 945 945 945 945 945 945 945 333
= = 36 36 50 50 = =
73a4t 3a4tn a7354 6a4ud 3nt7a 6d735 4td7u 3nt65 75d4u 5a7nd
a6ud4 nt6a7 u3nt6 dn657 ud4a5 t6a7u 6u73d u4t5a 6d34t n5ud6
3a4td a7354 354t7 d6n5u 4u5a7 d5unt 4nt67 a6u74 5anud t6ud3
7d364 6u73d ud3n5 n4t53 7ad36 d46ta 5un3n a74d6 5da4u t73an
ad5n6 d6n54 u53nn 576un ua3nt 3dn64 7u63n a76d4 d5na3 73a4t
= =
= = 37 37 50 50 = =
t6a7u 6u73d u4t5a 6d34t n5ud6 73a4t 3a4tn a7354 6a4ud 3nt7a
6d735 4td7u 3nt65 75d4u 5a7nd a6ud4 nt6a7 u3nt6 dn657 ud4a5
ad5n6 d6n54 u53nt 576un ua3nt 3nt64 7u53n a76d4 d5na3 73a4t
3a4tn a7354 354t7 d6n5u 4u5u7 d5unt 4nt67 a6u74 5anud t6ut3
7d364 6u73d ud3n5 n4t63 7ad36 d46ta 5ud3n a74d6 5da4u t73at
= =
333 333
= = 36 36 50 50 = =
73a4t 3a4tn a7354 6a4ud 3nt7a 6d735 4td7u 3nt65 75d4u 5a7nd
a6ud4 nt6a7 u3nt6 dn657 ud4a5 t6a7u 6u73d u4t5a 6d34t n5ud6
3a4td a7354 354t7 d6n5u 4u5a7 d5unt 4nt67 a6u74 5anud t6ud3
7d364 6u73d ud3n5 n4t53 7ad36 d46ta 5un3n a74d6 5da4u t73an
ad5n6 d6n54 u53nn 576un ua3nt 3dn64 7u63n a76d4 d5na3 73a4t
= =
= = 37 37 50 50 = =
t6a7u 6u73d u4t5a 6d34t n5ud6 73a4t 3a4tn a7354 6a4ud 3nt7a
6d735 4td7u 3nt65 75d4u 5a7nd a6ud4 nt6a7 u3nt6 dn657 ud4a5
ad5n6 d6n54 u53nt 576un ua3nt 3nt64 7u53n a76d4 d5na3 73a4t
3a4tn a7354 354t7 d6n5u 4u5u7 d5unt 4nt67 a6u74 5anud t6ut3
7d364 6u73d ud3n5 n4t63 7ad36 d46ta 5ud3n a74d6 5da4u t73at
= =
000 ttt

Other M87 logs from Igor:

F - 7039.2, 8495.2, 10872.2 kHz
K - 8495.3, 10872.3 kHz
M - 8495.4, 10872.4 kHz

Fritz reports a strange string sent on 3 July by Kaliningrad on 4557.8 for quite a while. The signal was loud and clear. It sent the following string which is not a Russian word according to Igor: LCHGCHDW LCHGCHDW ... etc (CH = ----)

* VARIOUS MODES *

Whales appeared on 4740 kHz on 27-6 at 0645 UTC.

::: M42 / X06

The RFU broadcast seems to be a daily one at 1200 UTC on 10479 kHz. The format used is similar to the format that was used years ago for the KUL, RAU and VKX transmissions. Check the "N&O 1995-1997" file for a description and samples of these transmissions.

[illegible]

43580 27254 73891 95968 30018 57053 11863 39531 84109 59381
14310 89842 43187 78849 89674 13670 70881 83702 85004 84866
87000 39327 04428 30210 18677 17834 06126 55402 47940 62600
89249 11938 22815 68566 52498 01772 05332 92408 89450 13052
96305 99078 56571 22676 42345 12183 70201
qru qru sk sk

The Mazielka (X06) popped up on various frequencies and times:

8-6, 1507 UTC, 10193 kHz
11-6, 0745 UTC, 10193 kHz
12-6, 1903 UTC, 8131 kHz
8-7, 1500 UTC, 12224 kHz

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::: RADAR

The New Zealand Intruder watch service has an estimated location for the wideband radar signal which has been wreaking havoc to the 40 and 80m bands of late. Bearings received from Sabah, Japan and New Zealand estimate the source of the interference to be in the vicinity of the Paracel Islands, off the Chinese coast. Further bearings are needed to confirm this location. This signal has been heard all over the utility allocations.

(Source: Robin L. Harwood VK7RH, Norwood Tasmania 7250)

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★ UNID STATIONS ★

This month's unid morse stations were supplied by Jim and Fritz.

Jim heard the following station on 14-6 at 23,06 UTC on 3187 kHz. The transmission was in progress.

..... 372372 372111 64855 64855 37337 111999 12623 BT
45677 71510 70216 52458 68213 69986 ... (Good hand-sent).
Ends with 022 BT 12623 0 0 0

Clues anyone?

<<<<>>>>

The second one was supplied by Fritz. I am sure that I have logged this one myself a year or so ago. Alas, I cannot find the log. I still have

no idea who it is. Mode: CW.

4-6, 1530 UTC, 7315 kHz: FRC6215 R10 +

7-6, 1515 UTC, 6954 kHz: FRN2942 R10 +

-0-0-0-0-0-0-0-0-0-0-

* MILITARY STATIONS *

A selection of your military CW and SSB logs in June and July.

::: RUSSIAN, UKRANIAN & CIS MILITARY

- 18.1 Russian Mil: RDL. Transmitting from Tashkent, Krasnodar and possibly Druzhnyj/Nizhniy Novgorod. Strategic flash message to RJE65 "xxx xxx rje 65 rje 65 28235 geodirt 1790 8502" also a strategic flash message to RJD84; "u u xxx xxx rjd84 rjd84 44663 izo`utka 4469 6838" msg repeated then "k"
- 2932 Russian Mil: 'RFF' Net. Calls: RFFN, RFFO, RFFM. QSX 3933 kHz.
- 3658 CIS Mil: DNHJ, MAMN, IDDM, VWFO.
- 3759 Unid Russian Net: RAS92. Msg to RIQ88
- 3811 CIS Mil: NLGP, SKFR, DVF1, G9ZR, IQWQ. Simplex net
- 3832 Ukrainian Mil: QY02, DK6L, ETEV, DZTF, SRSW, 4CLA, 1QI9, PROF, XM1L. Strategic msg: PROF PROF 58286 31027 IKR%NINEC 7128 5440 NYTIK 3007 5334 OPATUW 7468 3968 (repeats) K.
- 3832 HQ Russian Black Sea Fleet Sebastopol UKR: RCV clg RJT22 (warship). Simplex net.
- 3835 CIS Mil: LBDO
- 3882 Russian Mil: RGT77 broadcasting routine strategic code message 443 = JBRHZ WyILQ ... PyJUK WTP%E = K
- 3882 Ukrainian Mil: IK6D, Y6M1, VRMV, GFSA
- 4051 Ukrainian Mil: JFWA, HSB3, T6XW, 6DNT, 6IH8, 1U8E, AGOM, AVS5, P6NO, ZKP6, WGYE, GDK1, 5RA2, B1TI, TKT8, AW8D, YMH7, P5YM, IWSM, 1ZAN, JO2D, WGBR, D3WG.
- 4079 Russian Baltic Fleet Kaliningrad (RMP) clg RFV99. QSX 5135.5 kHz
- 4419 Russian Mil: S7MZ, V5AR, S4WL, MKMA, MZOA, FV9T, E22X, TMAP, NKAZ, D5WM, CEXV, YVMB. Cancels msg to JYYR and TUKE.
- 4467 Russian Mil: A8TD, FT5C, 7ES9. QSX 5874 kHz
- 5476 CIS Mil: V80A, 5YZN, 5QQ5
- 5874 Russian Mil: QFMC, H6TE, DCMC, H6TE. QSX 4467 kHz
- 6873 Baltic Fleet HQ Kaliningrad: RMP clg RJH41. QSX 5086 kHz
also "REO REO DE RMP RMP QTC 383 146 1 1956 383 = SML = PROGNOZ
POGODY DO 18.."
- 8306 Russian Warship: RBEG wkg RIW
- 9044 Russian Mil Strategic Broadcast. 5FG message RDL (x3) 66388
60094 (x3) after at least two T600 messages. //18.1 kHz
- 9288 Russian Mil: ETNB, AR5I, C9AI, GAZA, 4GTL, 7ID2, ZKTB, F6XM

10155 Russian Mil: "XXX XXX RKS RKS 57489 GEODIA 9794 4563 K".
RIW clg RJD93
10987 Russian Mil: WPNP, CGWD, J2E2, KTYB, AARC, ZBPN, C67I
11000 Russian navy, Moscow: RIW wkg warships RMXV, RBEG.
QSX 8338/12394 kHz. Later specifies 8306/12370 kHz.
13979 Russian Mil: I13E, MWTK, CZNU, 1XLD. Simplex net.
14487 Russian Mil: FC6Y, ELQZ

I received a note from Fritz who noticed that since March 2005 CIS Navy stations sometimes use different formats for their messages. No preamble, no final group. Messages are 5LGs or just one string of characters; sometimes very long. Traffic may last for hours. Speed slow to fast.

Example: RMP de RIW ZDS gugch ZZT lkvkv mmkkk mkvvk vvlmm llmkk (DK?)
5LALG x 21 qea (ends with 3 ch)
eeeeeeeeeeeeeeee RMP ZCS eb1 k
RIW de RMP ZKM ZGR k
RMP de RIW ZDS gugch ZZT lmmkm llkkk kkvkm klkvv lkmkk (DK?)
5ALG x 12 jcho (ends with 3 ch)
etc

"Stations involved are RMP, RIW, RCV and many individual callsigns. No known frequencies are used for these messages. No training net, ops very skilled." writes Fritz.

I received an interesting reaction to the above note:

"This is enciphered Morse; Basically a keyboarded Morse system in which what is typed is not what is sent! The Morse characters are encrypted and buffered, then output in one long stream. The few spaces which appear are where the buffer has emptied before the operator can catch up.

ZDS GUGCH is the machine setting for that session.

ZZT is followed by a long series of Ls, Ks and Ms (they are sent as one long string and not grouped in fives as shown. The purpose of this string is not known, but is part of the setup process.

This may be followed by a short burst of dots before the system goes into enciphered mode. The traffic strings are long with few spaces and will only ever be letters, no figures or punctuation.

The procedure signal ZGR may also be seen."

Thanks for the explanation, OM!!!

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::: OTHER COUNTRIES

2738 Argentine Civil Defense (c/s Central) Santa Cruz Province.
 4152.5 Alfa-Quebec: DRAQ: Fregate "BREMEN" F 207
 Alfa-X-Ray: DRAX: "GORCH FOCK" A 60
 Echo-Yankee: DREY: Minehunter "FRANKENTHAL" M 1066
 all wkg DHJ59, German navy Wilhelmshaven.
 4356.6 Foxtrott-Juliett: DRFJ: Minehunter "PASSAU" M 1096
 Hotel-Juliet: DRHJ: "ELBE" A 511
 Alfa-Quebec: DRAQ: Fregate "BREMEN" F 207
 all wkg DHJ58, German navy Gluecksburg
 5263 Algerian Mil: LZ51 clg LZ50
 5687 GAF142, GAF238, GAF312, GAF338 wkg DHM91: German Air Force
 Muenster
 6727 Unid 6PD clg DHJ59: German navy Wilhelmshaven
 JWT: Norwegian navy Stavanger wkg Magic71
 6730 Unid 6PD clg DHJ59: German navy Wilhelmshaven
 6777.2 Echo-Zulu: DREZ: Minehunter M 1067 "BAD RAPPENAU"
 Golf-November: ORGN: Minehunter "NARCIS" M923
 Alfa-Quebec: DRAQ: Fregate "BREMEN" F 207
 Echo-Yankee: DREY: Minehunter "FRANKENTHAL" M 1066
 all wkg DHJ59: German navy Wilhelmshaven
 8333.5 DHJ59: German navy Wilhelmshaven, wkg Echo-Zulu and Alfa-Quebec
 8582 Venezuelan Naval River Post, Rio Meta: PNME5 clg PNRN5 -Naval
 River Post, Rio Negro
 11217 GAF103 wkg DHM91: German Air Force Muenster
 12948 Japanese Navy: CY CY CY de JJF JJF JJF fb3 fb3 fb3 nr 22 03 +
 (a CQ msg? A defective keyer perhaps?)

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* INTELLIGENCE PROFILE: MEXICO *

::: BACKGROUND

The site of advanced Amerindian civilizations, Mexico came under Spanish rule for three centuries before achieving independence early in the 19th century. A devaluation of the peso in late 1994 threw Mexico into economic turmoil, triggering the worst recession in over half a century. The nation continues to make an impressive recovery. Ongoing economic and social concerns include low real wages, underemployment for a large segment of the population, inequitable income distribution, and few advancement opportunities for the largely Amerindian population in the impoverished southern states. Elections held in July 2000 marked the first time since the 1910 Mexican Revolution that the opposition defeated the party in government, the Institutional Revolutionary Party (PRI). Vicente FOX of the National Action Party (PAN) was sworn in on 1 December 2000 as the first chief executive elected in free and fair elections.

::: GENERAL

Name: Estados Unidos Mexicanos (Mexico)
United States of Mexico (Mexico)
Capital: Mexico (Distrito Federal)

Administrative divisions:

1 federal district; Mexico Distrito Federal, and 31 states (estados, singular - estado); Aguascalientes, Baja California, Baja California Sur, Campeche, Chiapas, Chihuahua, Coahuila de Zaragoza, Colima, Durango, Guanajuato, Guerrero, Hidalgo, Jalisco, Mexico, Michoacan de Ocampo, Morelos, Nayarit, Nuevo Leon, Oaxaca, Puebla, Queretaro de Arteaga, Quintana Roo, San Luis Potosi, Sinaloa, Sonora, Tabasco, Tamaulipas, Tlaxcala, Veracruz-Llave, Yucatan, Zacatecas.

::: MILITARY, INTELLIGENCE & SECURITY

Military branches:

- National Defense Secretariat (Sedena) which includes the Army and Air Force
- Navy Secretariat which includes the Navy, Naval Air and Marines.

Intelligence and Security Agencies:

- Office of Coordination of the Presidency
 - Direcci n Federal de Seguridad Nacional - defunct
 - Direcci n de Inteligencia y Seguridad Nacional - defunct
 - Centro de Informaci n de Seguridad Nacional
 - Secretar a de la Defensa Nacional
 - S-2 Second Section (Military Intelligence)
 - Direccion General de Telecomunicaciones
 - Federal Military Judicial Police
 - Secretar a de Marina
 - Secretar a de Relaciones Exteriores
 - Secretar a de Seguridad P blica
 - Procuradur a General de la Rep blica
 - Instituto Nacional para el Combate a las Drogas - defunct
 - Fiscal a Especializada en Atenci n de Delitos Contra la Salud
 - Centro de Planeaci n para el Control de Drogas
 - Polic a Judicial Federal
 - Polic a Judicial del Distrito Federal
-

::: OFFICE OF COORDINATION OF THE PRESIDENCY

- * Direcci n Federal de Seguridad Nacional (DFSN)
(Federal Directorate of National Security)

The feared Direcci n Federal de Seguridad Nacional (DFSN) was formed in 1952. The DFSN was involved in many "dark" matters, including the assassination of Enrique "Kiki" Camarena of the U.S. DEA.

- * Direcci n de Inteligencia y Seguridad Nacional (DISEN)
(General Directorate of Intelligence and National Security)

DISEN was formed in 1986 as the successor to the DFSN. In 1989 the name of the agency was changed to the Centro de Informaci n de Seguridad Nacional (CISEN).

- * Centro de Informaci n de Seguridad Nacional (CISEN)
(Center for Investigations and National Security)

CISEN is the continuation of DISEN. It was formed in 1989. Today's work consists of cleaning up of Mexico's corrupt customs service and of other corrupt government services. CISEN always worked closely with U.S. intelligence services, especially during the late stages of the Cold War. But only recently have its international intelligence-gathering abilities come to be trusted by American agents. The agency is also helping to defend the USA against terrorist attacks.

::: SECRETARIA DE LA DEFENSA NACIONAL (SEDENA)
(Secretariat of National Defense)

- * Army and Air Force intelligence, including Section Two (S-2).
S-2 provides intelligence assessment to the armed forces. There is reportedly also an army counter-intelligence and counter-subversion section.
 - * Direcci n General de Telecomunicaciones (DGT)
(General Telecommunications Directorate)
 - * Federal Military Judicial Police
-

::: SECRETARIA DE MARINA (SM)
(Secretariat of the Navy)

The Secretaria de Marina SM is responsible for the Navy, Naval Air, Marines and Navy Intelligence.

::: SECRETARIA DE RELACIONES EXTERIORES (SRE)
(Secretariat of Foreign Relations)

The SRE handles Mexico's foreign relations.

::: SECRETARIA DE SEGURIDAD PUBLICA (SSP)
(Secretariat of Public Security)

The Secretaria de Gobernacion (Ministry of Interior) was responsible for security intelligence and internal security. In 2001 however, the responsibility has been transferred newly created SSP. Agencies and forces that report to the SSP include the PFP, CFRAI and CSR.

* Policia Federal Preventiva - PFP (Federal Preventive Police)
PFP is composed of personnel transferred from police, military, and CISEN units. Reportedly, some 800 CISEN staff members were transferred to PFP's Coordinacion de Inteligencia (Directorate for Intelligence).

* CFRAI
The Coordinacion de Fuerzas de Reaccion y Apoyo Inmediato - CFRAI (Coordination of Rapid Response Forces) has mainly ex-military police personnel. One of the CFRAI units is the Fuerzas Especiales (Special Forces), which is a specialized counter-terrorist unit.

* CSR
PFP's Coordinacion de Seguridad Regional - CSR (Directorate for Regional Security) is composed of the combines staff of the Policia Federal de Caminos - PFC (Federal Highway Police), Policia Fiscal Federal - PFF (Federal Fiscal Police) and Policia Migratoria Federal - PMF (Federal Immigration Police)

::: PROCURADURIA GENERAL DE LA REPUBLICA (PGR)
(Attorney General of the Republic)

The Mexican Attorney General's Office has responsibility for aerial eradication and interdiction of drugs, and the legal prosecution of individuals involved in the drug trade. It is also responsible for federal criminal investigations and prosecutions. Several organizations that are involved in drugs combatting (FEADS, CENDRO), and the Judicial police forces report to the PGR.

The PGR operates two Cessna Citation aircraft equipped with the "look down" radar of the General Dynamics F-16 fighter. Using intelligence obtained from the U.S. Embassy IAC, the Mexican Citations track and

follow suspicious aircraft across Mexico to their landing or drop-off point. Additional aircraft carrying PGR agents are also usually dispatched with the Citations. Once the drug carrying aircraft has landed or air-dropped its cargo, PGR agents attempt to seize the drugs and arrest traffickers on the ground. Military personnel under the direction of the local zone commander are also sometimes dispatched to seize the drugs and detain the traffickers.

- * Instituto Nacional para el Combate a las Drogas (INCD)
(National Institute to Combat Drugs)

The INCD previously dealt with drug trafficking. Following the arrest of the head of the INCD, Gen. Guti rrez Rebollo, the agency was dismantled and disbanded in 1997. It was succeeded by the FEADS.

- * Fiscalía Especializada en Atenci n de Delitos Contra la Salud (FEADS)
(Special Prosecutor's Office for Crimes Against Health)

One of FEADS main tasks is to deal with drug-related crimes. PGR's Press Release N  1137/02 reports one of the campaigns in 2002:

"During three joint operatives FEADS and AFI personnel seized over 100 "hits" of cocaine, marihuana and psychotropic pills. In addition 66 rounds of ammunition of different calibers, a .25 caliber handgun, watches, cell phones and cash were seized. As part of the permanent campaign against retail drug sales carried out by the PGR in Mexico City and the State of Mexico, three operatives were conducted in the State of Mexico where FEADS and AFI personnel arrested 5 drug dealers. During the first action two alleged drug dealers were arrested, following a citizen complaint on drug sales, several times a day in a house in the municipality of Ecatepec, State of Mexico."

- * Centro de Planeaci n para el Control de Drogas (CENDRO)
(Center for Drug Control Planning)

In March 1991 Mexico announced the creation of the Centro de Planeaci n para el Control de Drogas (CENDRO), which coordinates all government agency activities related to drug control. CENDRO was inaugurated in June 1992 by President Salinas de Gort b and its 24 hour operations center opened in October 1992. Ministries tasked to participate in this effort include the Interior, Foreign Affairs, Defense, the Navy, Treasury and Finance, Agriculture, Communications and Transportation, Public Education, Health, and the Office of the Attorney General.

- * Polic a Judicial Federal (PJF)
(Federal Judicial Police)

The foremost activity of the Policía Judicial Federal is carrying out investigations and making apprehensions related to drug trafficking. Espionage, arms trafficking, and bank robberies also fall under its purview. The PJF serves as the government's liaison with Interpol. Its role can be compared to a combination of the FBI and the DEA, both from the USA.

In an attempt to intercept drugs transports from Mexico to the USA, the Northern Border Response Force (NBRF) was established in 1990 in northern Mexican states along with an Information Analysis Center (IAC), located in the U.S. Embassy in Mexico City. Mexican PJF agents are the primary action arm of the NBRF, responding to intelligence about drug traffickers passed on to them by officials in the U.S. Embassy.

- * Agencia Federal de Investigaciones (AFI)
(Federal Agency of Investigation)

The PGR has plans to reconfigure the PJF, which is much maligned for corruption and ineffectiveness. They will be replaced by a new police force, the Agencia Federal de Investigaciones.

- * Policía Judicial del Distrito (PJDF)
(Federal District Judicial Police)

A number of smaller law enforcement bodies exist at the state and local level. Each of the country's 31 states and the Federal District has its own judicial police; the PJF and PJDF. State police are under the direction of the state's governor; the Federal District Judicial Police fall under the control of the Federal District attorney general.

::: SOURCES / FURTHER READINGS

- CIA World Factbook
- Ley Federal de Transparencia y Acceso a la Informacion Publica Gubernamental
- "Mexican Security" by Wesley A. Fryer
- <http://www.mexidata.info/>
- Federation of American Scientists (FAS)
- "Mexico's intelligence agency refines image in anti-terror efforts" by Ricardo Sandoval, published in The Dallas Morning News
- Brassey's International Intelligence Yearbook 2003
- Library of Congress Country Studies

* INTELLIGENCE NEWS *

::: USA / CHINA

According to the Washington Times, China has begun to step up its intelligence activities against the United States in efforts to acquire sensitive information that would make it possible for the PRC to rapidly develop high-tech weaponry.

Methods employed by Beijing to gather such sensitive technical data include both traditional espionage activities directed against American defense industry and hundred of thousands of unofficial spies (tourist visitors, students and others). According to U.S. government estimates, as many as 3,200 front companies have been established by China to illicitly acquire information on ñ and components of ñ sophisticated American technology. "I think the problem is huge, and it's something that I think we're just getting our arms around," according to Szady.

Source: China Reform Monitor / American Foreign Policy Council

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::: INDIA

Exploiting existing legal loopholes, India's security agencies are said to be actively spying on the political partners of the ruling Congress Party government. The South Asia Tribune reports that Indian intelligence services, using highly-sophisticated hacking methods, have succeeded in gaining access to the computer networks of political factions aligned with the ruling governmental coalition and installing spyware programs capable of monitoring and relaying critical data from target computers. Sources tell the Tribune that the Internet espionage activities are being conducted under the direct control and oversight of the office of the Prime Minister.

Source: Asia Security Monitor /American Foreign Policy Council

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::: CHINA / AUSTRALIA

A former Chinese diplomat has revealed that the PRC has some 1,000 agents engaged in the active kidnapping of Chinese dissidents on Australian soil. While assigned to the Chinese consulate in Sydney, Chen Yonglin was tasked with monitoring the activities of dissident Chinese groups, including practitioners of Falun Gong, supporters of Tibet, Taiwanese sympathizers and Uighur separatists, who were subsequently kidnapped and repatriated to China. Chen, who recently defected from China, told his story to CNN.

Source: China Reform Monitor / American Foreign Policy Council

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::: AUSTRALIA

According to the Agence France Presse, Australia is beefing up its counter-espionage activities in an effort to track foreign spies who have infiltrated Canberra's diplomatic circuit. Government officials say that foreign spies are currently as active within Australia as they were at the height of the Cold War. Today, however, it is believed that Chinese agents far surpass Russia's clandestine presence. As part of Canberra's response, a new counter-espionage unit has been established within the Australian Security and Intelligence Organization (ASIO), the government's main intelligence agency.

Source: Asia Security Monitor / American Foreign Policy Council

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* LOGS SECTION *

3025.0	M08a	(Too weak to copy) CW 5-7-2005 Tue 1000 (MS)
3025.0	M08a	(Transmission is garbled and weak) CW 30-7-2005 Sat 1000 (MS)
3150.0	E10	PCD USB 3-6-2005 Fri 0230 (BS4)
3203.6	MX	Channel marker "L" CW 5-7-2005 2005 (AB)
3244.0	M08a	(Too weak for copy) CW 23-7-2005 Sat 1000 (MS)
3244.0	M08a	(Late start, missed first address) ----- 66693 35543 CW 30-7-2005 Sat 1000 (MS)
3246.5	M21	PV0 =99t4t3??t????? CW 14-7-2005 0247 (Sven)
3246.5	M21	PV0 990011??0????? CW 29-7-2005 2011 (RGA)
3373.0	S04	Edna Sednitzer overpowering XTJ in the back. Ends 000 Always a very slow female USB 11-6-2005 Sat 2245
3389.0	V02a	In Progress//S800M//Brooklyn USB 10-6-2005 Fri 0540
3415	E10	ART 2 AM 15-7-2005 2100 (AB)
3415.0	E10	ART 54 URDTY USB 1-6-2005 Wed 0130 (BS4)
3415.0	E10	ART 54 URDTY//5435 USB 5-6-2005 Sun 0130 (BS4)
3415.0	E10	ART, 21, AUCDX // 5435 AM 6-6-2005 Mon 2300 (RNL)
3415.0	E10	ART, 93, IKGER AM 28-6-2005 Tue 2230 (RNL)
3570.0	E10	KPA2//4780 USB 15-6-2005 Wed 0115 (BS4)
3570.0	E10	KPA2//4780 USB 26-6-2005 Sun 0115 (BS4)
3594.8	MX	Cluster beacon "P" CW 4-7-2005 2022 (AB)
3640	E10	KPA2 AM 6-6-2005 2114 (SW2)
3640	E10	MIW2 AM 6-6-2005 2115 (SW2)
3640.0	E10	MIW2//4648 USB 15-6-2005 Wed 0015 (BS4)
3640.0	E10	MIW2//4648, 5339 USB 26-6-2005 Sun 0115 (BS4)

3756	S30	The Pip CW 4-7-2005 1950 (AB)
3772	MX	Channel marker "P" CW 14-6-2005 2252 (RGA)
3798.5	MX	Channel marker "F". Possibly from Gdynia CW 9-6-2005
3798.5	MX	Channel marker "F". Possibly from Gdynia CW 10-6-2005 (TD)
3828	XSW	Squeaky Wheel 4-7-2005 1950 (AB)
3926.0	M08a	ID 63323 51991 75233 CW 8-6-2005 Wed 1000 (MS)
3926.0	M08a	(In Progress) CW 26-6-2005 Sun 1000 (MS)
3926.0	M08a	ID 68793 09221 98843 CW 3-7-2005 Sun 1000 (MS)
3926.0	M08a	ID 16044 ----- (Late start) CW 5-7-2005 Tue 0400
3926.0	M08a	In Progress//S800M//Brooklyn CW 5-7-2005 Tue 0420 (GS)
3927.0	V02a	A----- 71892 (In progress, YL/SS) USB 14-7-2005 Thu 0500 (MS)
4015.0	E10	VLB2//6370 USB 1-6-2005 Wed 0145 (BS4)
4015.0	E10	VLB2//5170, 6370 USB 4-6-2005 Sat 0045 (BS4)
4015.0	E10	VLB2//5170, 6370 USB 26-6-2005 Sun 0145 (BS4)
4017.0	V02a	In Progress//S800M//Brooklyn USB 14-6-2005 Tue 0305
4027.0	M08a	In Progress//S800M//Brooklyn CW 14-6-2005 Tue 0305
4027.0	M08a	(Already in progress, no calls) CW 12-7-2005 Tue 0325
4027.0	M08a	(Already in progress, very weak signal, too weak for copy) CW 16-7-2005 Sat 1100 (MS)
4028.0	V02a	A21881 14533 62522 AM 4-6-2005 Sat 0300 (MS)
4028.0	V02a	In Progress//S800M//Brooklyn USB 10-6-2005 Fri 0540
4028.0	V02a	In Progress//S800M//Brooklyn USB 10-6-2005 Fri 0600
4028.0	V02a	In Progress/Weak//S800M//Brooklyn USB 17-6-2005 Fri 0600 (GS)
4028.0	V02a	In Progress//S800M//Brooklyn USB 11-7-2005 Mon 0600
4028.0	V02a	A46163 ----- 71892 (In progress, YL/SS. Repeat of 0500z on 3927m) USB 14-7-2005 Thu 0600 (MS)
4028.0	V02a	(Already in progress) (YL/SS) USB 16-7-2005 Sat 0300
4031	MX	Channel marker "P" CW 4-7-2005 1952 (AB)
4031	MX	Channel marker "P" //4476 kHz CW 26-7-2005 2029
4035.0	V02a	(Already in progress, very weak signal, too weak for copy - YL/SS) USB 16-7-2005 Sat 1000 (MS)
4035.0	V02c	Lots of QRM. Barely audible under the noise, but obvious as V2c. //7975. AM 4-6-2005 Sat 0959 (ALB)
4165	E10	CI02/5230 AM 2-6-2005 Thu 1845 (E12)
4165	E10	CI02/5230 AM 3-6-2005 Fri 1845 (E12)
4165	E10	CI0 65T1 AM 6-6-2005 2124 (SW2)
4165	E10	CI02/5230 AM 9-6-2005 Thu 1845 (E12)
4165	E10	CI02/5230 AM 10-6-2005 Fri 1845 (E12)
4165	E10	CI02/5230 AM 13-6-2005 Mon 1845 (E12)
4165	E10	CI02/5230 AM 14-6-2005 Tue 1845 (E12)
4165	E10	CI02 AM 26-6-2005 Sun 1845 (E12)
4165.0	E10	CI02 USB 1-6-2005 Wed 0145 (BS4)
4165.0	E10	CI02//5230, 6912 USB 4-6-2005 Sat 0045 (BS4)
4165.0	E10	CI0 "65T1" // 5230 // 6912 (qrm) AM 6-6-2005 Mon 2003 (RNL)

4165.0	E10	CI02//5230, 6912 USB 26-6-2005 Sun 0145 (BS4)
4173.0	M08a	(Too weak for copy) CW 3-7-2005 Sun 1100 (MS)
4270	E10	PCD 57 DGKQU AM 2-6-2005 Thu 1800 (E12)
4270	E10	PCD 68 BVYFH AM 2-6-2005 Thu 1830 (E12)
4270	E10	PCD 68 BVYFH AM 3-6-2005 Fri 1830 (E12)
4270	E10	PCD2 AM 6-6-2005 2232 (SW2)
4270	E10	PCD2 AM 9-6-2005 Thu 1800 (E12)
4270	E10	PCD 68 BVYFH AM 9-6-2005 Thu 1830 (E12)
4270	E10	PCD 57 DGKQU AM 10-6-2005 Fri 1800 (E12)
4270	E10	PCD 68 BVYFH AM 10-6-2005 Fri 1830 (E12)
4270	E10	PCD 57 DGKQU AM 13-6-2005 Mon 1800 (E12)
4270	E10	PCD 68 BVYFH AM 13-6-2005 Mon 1830 (E12)
4270	E10	PCD 57 DGKQU AM 14-6-2005 Tue 1800 (E12)
4270	E10	PCD 68 BVYFH AM 14-6-2005 Tue 1830 (E12)
4270	E10	PCD 71 ??DTL AM 14-6-2005 Tue 1830 (E12)
4270	E10	PCD 57 DGKQU AM 15-6-2005 Wed 1800 (E12)
4270	E10	PCD2 AM 15-6-2005 Wed 1830 (E12)
4270	E10	PCD 71 VEQ?L AM 15-6-2005 Wed 1900 (E12)
4270	E10	PCD 57 DGKQU AM 17-6-2005 Fri 1800 (E12)
4270	E10	PCD 68 BVYFH AM 17-6-2005 Fri 1830 (E12)
4270	E10	PCD 71 VEQ?L AM 17-6-2005 Fri 1900 (E12)
4270	E10	PCD 57 DGKQU AM 26-6-2005 Sun 1800 (E12)
4270	E10	PCD2 AM 26-6-2005 Sun 1830 (E12)
4270	E10	PCD 71 VEQ?L AM 26-6-2005 Sun 1900 (E12)
4270	E10	PCD 57 DGKQU AM 1-7-2005 Fri 1800 (E12)
4270	E10	PCD 22 SIRYD AM 1-7-2005 Fri 1830 (E12)
4270	E10	PCD 15 ????? AM 1-7-2005 Fri 1900 (E12)
4270	E10	PCD 57 DGKQU AM 5-7-2005 Fri 1800 (E12)
4270	E10	PCD 57 DGKQU AM 5-7-2005 Tue 1800 (E12)
4270	E10	PCD2 AM 5-7-2005 Tue 1830 (E12)
4270	E10	PCD2 AM 5-7-2005 Tue 1900 (E12)
4270	E10	PCD2 AM 5-7-2005 Fri 1900 (E12)
4270	E10	PCD 57 DGKQU AM 11-7-2005 Mon 1800 (E12)
4270	E10	PCD 97 YERRS AM 11-7-2005 Mon 1830 (E12)
4270	E10	PCD1 AM 11-7-2005 Mon 1900 (E12)
4270	E10	PCD 57 DGKQU AM 12-7-2005 Tue 1800 (E12)
4270	E10	PCD 97 YERRS AM 12-7-2005 Tue 1830 (E12)
4270	E10	PCD2 AM 12-7-2005 Tue 1900 (E12)
4270	E10	PCD 57 DGKQU AM 16-7-2005 Sat 1800 (E12)
4270	E10	PCD 97 YERRS AM 16-7-2005 Sat 1830 (E12)
4270	E10	PCD1 AM 16-7-2005 Sat 1900 (E12)
4270	E10	PCD 57 DGKQU AM 17-7-2005 Sun 1800 (E12)
4270	E10	PCD 97 YERRS AM 17-7-2005 Sun 1830 (E12)
4270	E10	PCD 18 ????? AM 17-7-2005 Sun 1900 (E12)
4270	E10	PCD 57 DGKQU AM 22-7-2005 Thu 1800 (E12)
4270	E10	PCD 97 YERRS AM 22-7-2005 Thu 1830 (E12)
4270	E10	PCD 19 NAZKX AM 22-7-2005 Thu 1900 (E12)
4270	E10	PCD 57 DGKQU AM 24-7-2005 Sun 1800 (E12)

4270	E10	PCD 97 YERRS AM 24-7-2005 Sun 1830 (E12)
4270	E10	PCD 19 NAZKX AM 24-7-2005 Sun 1900 (E12)
4270	E10	PCD 57 DGKQU AM 27-7-2005 Wed 1800 (E12)
4270	E10	PCD 97 YERRS AM 27-7-2005 Wed 1830 (E12)
4270	E10	PCD2 AM 27-7-2005 Wed 1900 (E12)
4270	E10	PCD 57 DGKQU AM 28-7-2005 Thu 1800 (E12)
4270	E10	PCD 97 YERRS AM 28-7-2005 Thu 1830 (E12)
4270	E10	PCD1 AM 28-7-2005 Thu 1900 (E12)
4325.8	MX	Channel marker "R" CW 4-7-2005 2012 (AB)
4331	M22	4XZ. Israeli navy Haifa. VVV marker CW 7-7-2005 2011
4360	E10	VLB2/5170 AM 2-6-2005 Thu 1845 (E12)
4360	E10	VLB2/5170 AM 3-6-2005 Fri 1845 (E12)
4360	E10	SYN 81 AM 6-6-2005 1130 (SW2)
4360	E10	SYN 81 AM 6-6-2005 2125 (SW2)
4360	E10	VLB2/5170 AM 9-6-2005 Thu 1845 (E12)
4360	E10	VLB2/5170 AM 10-6-2005 Fri 1845 (E12)
4360	E10	CI02/5230 AM 15-6-2005 Wed 1845 (E12)
4360	E10	CI02/5230 AM 17-6-2005 Fri 1845 (E12)
4360	E10	SYN2//6930 AM 1-7-2005 Fri 1845 (E12)
4360	E10	SYN2//6930 AM 5-7-2005 Tue 1845 (E12)
4360	E10	SYN2//6930 AM 5-7-2005 Fri 1845 (E12)
4360	E10	SYN2//6930 AM 11-7-2005 Mon 1845 (E12)
4360	E10	SYN2//6930 AM 12-7-2005 Tue 1845 (E12)
4360	E10	SYN2//6930 AM 16-7-2005 Sat 1845 (E12)
4360	E10	SYN2//6930 AM 17-7-2005 Sun 1845 (E12)
4360	E10	SYN2//6930 AM 22-7-2005 Thu 1845 (E12)
4360	E10	SYN2//6930 AM 24-7-2005 Sun 1845 (E12)
4360	E10	SYN2//6930 AM 27-7-2005 Wed 1845 (E12)
4360	E10	SYN2//6930 AM 28-7-2005 Thu 1845 (E12)
4360.0	E10	SYN2//6930 USB 1-6-2005 Wed 0145 (BS4)
4360.0	E10	SYN2//6930, 7445 USB 4-6-2005 Sat 0045 (BS4)
4360.0	E10	SYN "81" // 6930 AM 6-6-2005 Mon 2001 (RNL)
4360.0	E10	Calling SYN 81 USB 6-6-2005 Mon 2330 (NOD)
4360.0	E10	SYN2//6930 USB 26-6-2005 Sun 0145 (BS4)
4461	E10	AM 29-5-2005 Sun 1804 (EB)
4461	E10	AM 31-5-2005 Tue 1947 (EB)
4461	E10	AM 3-6-2005 Fri 1838 (EB)
4461	E10	FTJ AM 6-6-2005 2134 (SW2)
4461	E10	FTJ 2 AM 9-6-2005 Thu 1800 (E12)
4461	E10	FTJ2 AM 10-6-2005 Fri 1800 (E12)
4461	E10	FTJ2 AM 13-6-2005 Mon 1800 (E12)
4461	E10	FTJ2 AM 14-6-2005 Tue 1800 (E12)
4461	E10	FTJ2 AM 15-6-2005 Wed 1800 (E12)
4461	E10	FTJ2 AM 17-6-2005 Fri 1800 (E12)
4461	E10	FTJ2 AM 26-6-2005 Sun 1800 (E12)
4461	E10	FTJ2 AM 1-7-2005 Fri 1800 (E12)
4461	E10	FTJ2 AM 5-7-2005 Fri 1800 (E12)
4461	E10	FTJ2 AM 5-7-2005 Tue 1800 (E12)

4461 E10 FTJ2 AM 12-7-2005 Tue 1800 (E12)
4461 E10 FTJ AM 15-7-2005 2100 (AB)
4461 E10 FTJ2 AM 16-7-2005 Sat 1800 (E12)
4461 E10 FTJ2 AM 17-7-2005 Sun 1800 (E12)
4461 E10 FTJ2 AM 22-7-2005 Thu 1800 (E12)
4461 E10 FTJ2 AM 24-7-2005 Sun 1800 (E12)
4461 E10 FTJ2 AM 27-7-2005 Wed 1800 (E12)
4461 E10 FTJ2 AM 28-7-2005 Thu 1800 (E12)
4461.0 E10 FTJ USB 22-6-2005 Wed 0100 (BS4)
4461.0 E10 FTJ 12 MQZPV USB 23-6-2005 Thu 0100 (BS4)
4461.0 E10 FTJ, 111, WYUTO (rpt), ended prematurely at 2345 AM
6-7-2005 Wed 2338 (RNL)
4461.0 E10 FTJ 12 MQZPV USB 7-7-2005 Thu 0100 (BS4)
4461.0 E10 FTJ 6 STOCA USB 29-7-2005 Fri 2200 (JS3)
4476 MX Channel marker "P" //4031 kHz CW 26-7-2005 2029
4478.0 M08a ID 19--- 98814 ----1 (Too weak for good copy) CW
5-7-2005 Tue 1100 (MS)
4478.0 M08a (In progress - too weak to copy) CW 7-7-2005 Thu 1100
4479.0 V02 AM 27-7-2005 Wed 0300 (WK)
4479.0 V02a Weak and broken. A 12??? ?8?2? 1?89? // on 10446 AM
1-6-2005 Wed 0300 (ALB)
4479.0 V02a (In progress, missed callup) USB 15-7-2005 Fri 0400
4479.0 V02a In Progress//S800M//Brooklyn USB 20-7-2005 Wed 0330
4503 M18 Time strings CW 26-7-2005 2049 (RGA)
4557.8 MX Cluster beacon "P" CW 4-7-2005 2022 (AB)
4557.8 MX Cluster beacon "P" CW 26-7-2005 2104 (RGA)
4557.9 MX Cluster beacon "S" CW 4-7-2005 2022 (AB)
4558 MX Cluster beacon "C" CW 4-7-2005 2022 (AB)
4560 E10 YHF2 AM 6-6-2005 2132 (SW2)
4560.0 E10 YHF 30 TGDLA//5820 USB 3-6-2005 Fri 0230 (BS4)
4605 MX Channel marker "P" CW 24-7-2005 1831 (DW)
4625 S28 The Buzzer 4-7-2005 1951 (AB)
4648 E10 AM 31-5-2005 Tue 1947 (EB)
4648 E10 MIW2 AM 1-6-2005 Wed 1832 (EB)
4648.0 E10 MIW2 USB 2-6-2005 Thu 0115 (BS4)
4648.0 E10 MIW2//3640 USB 15-6-2005 Wed 0115 (BS4)
4648.0 E10 MIW2//3640, 5339 USB 26-6-2005 Sun 0115 (BS4)
4780.0 E10 KPA2//3570 USB 15-6-2005 Wed 0115 (BS4)
4780.0 E10 KPA2//3570 USB 26-6-2005 Sun 0115 (BS4)
4860 M89 VVV Q2M Q2M Q2M DE NYZ NYZ //6840 kHz CW 24-6-2005
2112 (RGA)
4880 E10 UKX AM 6-6-2005 2144 (SW2)
4880 E10 ULX 1 AM 9-6-2005 Thu 1800 (E12)
4880 E10 ULX 1 AM 10-6-2005 Fri 1800 (E12)
4880 E10 ULX 1 AM 13-6-2005 Mon 1800 (E12)
4880 E10 ULX 1 AM 14-6-2005 Tue 1800 (E12)
4880 E10 ULX 1 AM 15-6-2005 Wed 1800 (E12)
4880 E10 ULX 1 AM 17-6-2005 Fri 1800 (E12)

4880	E10	ULX 1 AM 26-6-2005 Sun 1800 (E12)
4880	E10	ULX2 AM 1-7-2005 Fri 1800 (E12)
4880	E10	ULX2 AM 5-7-2005 Fri 1800 (E12)
4880	E10	ULX2 AM 5-7-2005 Tue 1800 (E12)
4880	E10	ULX1 AM 12-7-2005 Tue 1800 (E12)
4880	E10	ULX AM 15-7-2005 2100 (AB)
4880	E10	ULX2 AM 16-7-2005 Sat 1800 (E12)
4880	E10	ULX1 AM 17-7-2005 Sun 1800 (E12)
4880	E10	ULX1 AM 22-7-2005 Thu 1800 (E12)
4880	E10	ULX1 AM 24-7-2005 Sun 1800 (E12)
4880	E10	ULX1 AM 27-7-2005 Wed 1800 (E12)
4880	E10	ULX1 AM 28-7-2005 Thu 1800 (E12)
4880.0	E10	ULX 28 PHZJZ USB 2-6-2005 Thu 0200 (BS4)
4880.0	E10	ULX 2 USB 3-6-2005 Fri 0230 (BS4)
4880.0	E10	ULX2 USB 11-6-2005 Sat 0330 (BS4)
4880.0	E10	ULX 40 FXPPY USB 22-6-2005 Wed 0030 (BS4)
4880.0	E10	ULX, 74, KICIC // 6270 rpt 2005-04-27/2005-04-30 AM 27-6-2005 Mon 2300 (RNL)
4880.0	E10	ULX 28 PHZJZ USB 28-6-2005 Tue 0200 (BS4)
4880.0	E10	ULX 91 MZYML USB 28-7-2005 Thu 2100 (JS3)
4880.0	E10	ULX 2 msgs 69 OXAZN, 68 JZFMZ USB 28-7-2005 Thu 2130 (JS3)
4880.0	E10	ULX 91 MZYML (rpt from the days before) USB 30-7-2005 Sat 2100 (JS3)
4880.0	E10	ULX 2 msgs 69 OXAZN, 68 JZFMZ (rpt from the days before) USB 30-7-2005 Sat 2130 (JS3)
4880.0	E10	USB 31-7-2005 Sun 0200 (WK)
4893.0	M13	427 CW 4-7-2005 Mon 2110 (HFD)
4973.0	S21	only carrier on both frequencies, //5373 AM 2-6-2005 Thu 1742 (HFD)
5074.0	M45	074-847/31=66230 5474 stronger, //5474 CW 2-6-2005 Thu 1702 (HFD)
5091	E10	JSR2 AM 2-6-2005 Thu 1800 (E12)
5091	E10	JSR 56 JZHUR AM 2-6-2005 Thu 1830 (E12)
5091	E10	JSR 22 JAONH AM 2-6-2005 Thu 1900 (E12)
5091	E10	JSR2 AM 3-6-2005 Fri 1800 (E12)
5091	E10	JSR 56 JZHUR AM 3-6-2005 Fri 1830 (E12)
5091	E10	JSR 22 JAONH AM 3-6-2005 Fri 1900 (E12)
5091	E10	JSR AM 6-6-2005 2207 (SW2)
5091	E10	JSR 57 DGKQU AM 9-6-2005 Thu 1800 (E12)
5091	E10	JSR 56 JZHUR AM 9-6-2005 Thu 1830 (E12)
5091	E10	JSR 22 JAONH AM 9-6-2005 Thu 1900 (E12)
5091	E10	JSR2 AM 10-6-2005 Fri 1800 (E12)
5091	E10	JSR 56 JZHUR AM 10-6-2005 Fri 1830 (E12)
5091	E10	JSR2 AM 13-6-2005 Mon 1800 (E12)
5091	E10	JSR 22 JAONH AM 13-6-2005 Mon 1900 (E12)
5091	E10	JSR2 AM 14-6-2005 Tue 1800 (E12)
5091	E10	JSR 56 JZHU? AM 14-6-2005 Tue 1830 (E12)

5091	E10	JSR 22 JAONH AM 14-6-2005 Tue 1900 (E12)
5091	E10	JSR2 AM 15-6-2005 Wed 1800 (E12)
5091	E10	JSR 56 JZHUR AM 15-6-2005 Wed 1830 (E12)
5091	E10	JSR 22 JAONH AM 15-6-2005 Wed 1900 (E12)
5091	E10	JSR2 AM 17-6-2005 Fri 1800 (E12)
5091	E10	JSR 56 JZHUR AM 17-6-2005 Fri 1830 (E12)
5091	E10	JSR 22 JAONH AM 17-6-2005 Fri 1900 (E12)
5091	E10	JSR2 AM 26-6-2005 Sun 1800 (E12)
5091	E10	JSR 56 JZ?UR? AM 26-6-2005 Sun 1830 (E12)
5091	E10	JSR1 AM 26-6-2005 Sun 1900 (E12)
5091	E10	JSR2 AM 1-7-2005 Fri 1800 (E12)
5091	E10	JSR 56 ????? AM 1-7-2005 Fri 1830 (E12)
5091	E10	JSR ?? JAONH AM 1-7-2005 Fri 1900 (E12)
5091	E10	JSR2 AM 5-7-2005 Tue 1800 (E12)
5091	E10	JSR2 AM 5-7-2005 Fri 1800 (E12)
5091	E10	JSR 56 JZHUR AM 5-7-2005 Tue 1830 (E12)
5091	E10	JSR 22 JAONH AM 5-7-2005 Fri 1900 (E12)
5091	E10	JSR 22 JAONH AM 5-7-2005 Tue 1900 (E12)
5091	E10	JSR 56 JZHUR AM 11-7-2005 Mon 1830 (E12)
5091	E10	JSR 22 JAONH AM 11-7-2005 Mon 1900 (E12)
5091	E10	JSR2 AM 12-7-2005 Tue 1800 (E12)
5091	E10	JSR 56 JZHUR AM 12-7-2005 Tue 1830 (E12)
5091	E10	JSR 22 JAONH AM 12-7-2005 Tue 1900 (E12)
5091	E10	JSR AM 15-7-2005 2100 (AB)
5091	E10	JSR2 AM 16-7-2005 Sat 1800 (E12)
5091	E10	JSR 56 JZHUR AM 16-7-2005 Sat 1830 (E12)
5091	E10	JSR 22 JAONH AM 16-7-2005 Sat 1900 (E12)
5091	E10	JSR AM 16-7-2005 2200 (IW)
5091	E10	JSR2 AM 17-7-2005 Sun 1800 (E12)
5091	E10	JSR 56 JZHUR AM 17-7-2005 Sun 1830 (E12)
5091	E10	JSR 22 BA?YZ AM 17-7-2005 Sun 1900 (E12)
5091	E10	JSR2 AM 22-7-2005 Thu 1800 (E12)
5091	E10	JSR 56 JZHUR AM 22-7-2005 Thu 1830 (E12)
5091	E10	JSR 22 BA?YZ AM 22-7-2005 Thu 1900 (E12)
5091	E10	JSR2 AM 24-7-2005 Sun 1800 (E12)
5091	E10	JSR 56 JZHUR AM 24-7-2005 Sun 1830 (E12)
5091	E10	JSR 22 JAONH AM 24-7-2005 Sun 1900 (E12)
5091	E10	JSR2 AM 27-7-2005 Wed 1800 (E12)
5091	E10	JSR 56 JZHUR AM 27-7-2005 Wed 1830 (E12)
5091	E10	JSR 22 JAON AM 27-7-2005 Wed 1900 (E12)
5091	E10	JSR2 AM 28-7-2005 Thu 1800 (E12)
5091	E10	JSR 56 JZHUR AM 28-7-2005 Thu 1830 (E12)
5091	E10	JSR 22 JAON AM 28-7-2005 Thu 1900 (E12)
5091.0	E10	JSR 53 YOBAR/7540 USB 9-6-2005 Thu 2030 (JS3)
5091.0	E10	JSR 10 I?YF? USB 12-6-2005 Sun 0330 (BS4)
5153.0	MX	"C" and "P" on same freq. Very strong on Skurup Sweden Internet radio CW 30-6-2005 Thu 2354 (TH2)
5153.7	MX	Cluster beacon "D" CW 21-6-2005 2125 (RGA)

5153.7	MX	Cluster beacon "D" CW 5-7-2005 1959 (AB)
5153.8	MX	Cluster beacon "P" CW 21-6-2005 2125 (RGA)
5153.8	MX	Cluster beacon "P" CW 4-7-2005 2022 (AB)
5153.9	MX	Cluster beacon "S" CW 4-7-2005 2022 (AB)
5154	MX	Cluster beacon "C" CW 21-6-2005 2125 (RGA)
5154	MX	Cluster beacon "C" CW 4-7-2005 2022 (AB)
5170	E10	VLB 103 AM 6-6-2005 1130 (SW2)
5170	E10	VLB 103 AM 6-6-2005 1952 (SW2)
5170	E10	VLB2 AM 13-6-2005 Mon 1845 (E12)
5170	E10	VLB2 AM 14-6-2005 Tue 1845 (E12)
5170	E10	VLB2 AM 15-6-2005 Wed 1845 (E12)
5170	E10	VLB2 AM 17-6-2005 Fri 1845 (E12)
5170	E10	VLB2 AM 26-6-2005 Sun 1845 (E12)
5170	E10	VLB2 AM 1-7-2005 Fri 1845 (E12)
5170	E10	VLB2 AM 5-7-2005 Tue 1845 (E12)
5170	E10	VLB2 AM 5-7-2005 Fri 1845 (E12)
5170	E10	VLB2 AM 11-7-2005 Mon 1845 (E12)
5170	E10	VLB2 AM 12-7-2005 Tue 1845 (E12)
5170	E10	VLB2 AM 16-7-2005 Sat 1845 (E12)
5170	E10	VLB2 AM 17-7-2005 Sun 1845 (E12)
5170	E10	VLB2 AM 22-7-2005 Thu 1845 (E12)
5170	E10	VLB2 AM 24-7-2005 Sun 1845 (E12)
5170	E10	VLB2 AM 27-7-2005 Wed 1845 (E12)
5170	E10	VLB2 AM 28-7-2005 Thu 1845 (E12)
5170.0	E10	VLB2//4015, 6370 USB 4-6-2005 Sat 0045 (BS4)
5170.0	E10	VLB "103" (qrm) AM 6-6-2005 Mon 2005 (RNL)
5170.0	E10	Calling VLB 103 USB 6-6-2005 Mon 2330 (NOD)
5170.0	E10	VLB2//4015, 6370 USB 26-6-2005 Sun 0145 (BS4)
5213	MX	Channel marker "P" CW 25-6-2005 1844 (RGA)
5230	E10	CI0 65T1 AM 6-6-2005 1130 (SW2)
5230	E10	CI0 65T1 AM 6-6-2005 2124 (SW2)
5230	E10	CI02//4165 AM 1-7-2005 Fri 1845 (E12)
5230	E10	CI02//4165 AM 5-7-2005 Fri 1845 (E12)
5230	E10	CI02//4165 AM 5-7-2005 Tue 1845 (E12)
5230	E10	CI02//4165 AM 11-7-2005 Mon 1845 (E12)
5230	E10	CI02//4165 AM 12-7-2005 Tue 1845 (E12)
5230	E10	CI02//4165 AM 16-7-2005 Sat 1845 (E12)
5230	E10	CI02//4165 AM 17-7-2005 Sun 1845 (E12)
5230	E10	CI02//4165 AM 22-7-2005 Thu 1845 (E12)
5230	E10	CI02//4165 AM 24-7-2005 Sun 1845 (E12)
5230	E10	CI02//4165 AM 27-7-2005 Wed 1845 (E12)
5230	E10	CI02//4165 AM 28-7-2005 Thu 1845 (E12)
5230.0	E10	CI02//4165, 6912 USB 4-6-2005 Sat 0045 (BS4)
5230.0	E10	CI0 "65T1" // 4165 // 6912 (qrm) AM 6-6-2005 Mon 2003 (RNL)
5230.0	E10	Calling CI0 65 Tango 1 USB 6-6-2005 Mon 2330 (NOD)
5230.0	E10	CI02//4165, 6912 USB 26-6-2005 Sun 0145 (BS4)
5339	E10	MIW2 AM 1-6-2005 Wed 1832 (EB)

5339 E10 MIW 2 AM 3-6-2005 Fri 1815 (E12)
5339 E10 MIW2 AM 6-6-2005 1819 (SW2)
5339 E10 MIW 2 AM 9-6-2005 Thu 1815 (E12)
5339 E10 MIW2 AM 1-7-2005 Fri 1815 (E12)
5339 E10 MIW2 AM 5-7-2005 Fri 1815 (E12)
5339 E10 MIW2 AM 5-7-2005 Tue 1815 (E12)
5339 E10 MIW2 AM 11-7-2005 Mon 1815 (E12)
5339 E10 MIW2 AM 12-7-2005 Tue 1815 (E12)
5339 E10 MIW2 AM 16-7-2005 Sat 1815 (E12)
5339 E10 MIW2 AM 17-7-2005 Sun 1815 (E12)
5339 E10 MIW2 AM 22-7-2005 Thu 1815 (E12)
5339 E10 MIW2 AM 24-7-2005 Sun 1815 (E12)
5339 E10 MIW2 AM 27-7-2005 Wed 1815 (E12)
5339 E10 MIW2 AM 28-7-2005 Thu 1815 (E12)
5339.0 E10 MIW2//3640, 4648 USB 26-6-2005 Sun 0115 (BS4)
5358.0 S11A 971/00 AM 1-6-2005 Wed 2100 (HFD)
5358.0 S11A 971/00 AM 20-7-2005 Wed 2100 (HFD)
5373.0 S21 only carrier on both frequencies, //4973 AM 2-6-2005
Thu 1742 (HFD)
5417.0 V02a In progress. Lots of QRM. Barely audible. Better in
USB, but not USB x-mit. AM 3-6-2005 Fri 0210 (ALB)
5417.0 V02a (In progress, missed callup) USB 15-7-2005 Fri 0217
5435 E10 ART2 AM 30-5-2005 Mon 1833 (EB)
5435 E10 AM 31-5-2005 Tue 1947 (EB)
5435 E10 ART2 AM 2-6-2005 Thu 1900 (E12)
5435 E10 ART2 AM 3-6-2005 Fri 1900 (E12)
5435 E10 ART2 AM 5-6-2005 Sun 1833 (EB)
5435 E10 ART2 AM 6-6-2005 1833 (SW2)
5435 E10 ART2 AM 9-6-2005 Thu 1800 (E12)
5435 E10 ART2 AM 9-6-2005 Thu 1900 (E12)
5435 E10 ART2 AM 10-6-2005 Fri 1800 (E12)
5435 E10 ART2 AM 13-6-2005 Mon 1800 (E12)
5435 E10 ART2 AM 13-6-2005 Mon 1830 (E12)
5435 E10 ART2 AM 13-6-2005 Mon 1900 (E12)
5435 E10 ART2 AM 14-6-2005 Tue 1800 (E12)
5435 E10 ART2 AM 14-6-2005 Tue 1830 (E12)
5435 E10 ART2 AM 14-6-2005 Tue 1900 (E12)
5435 E10 ART2 AM 15-6-2005 Wed 1800 (E12)
5435 E10 ART2 AM 15-6-2005 Wed 1830 (E12)
5435 E10 ART2 AM 15-6-2005 Wed 1900 (E12)
5435 E10 ART2 AM 17-6-2005 Fri 1800 (E12)
5435 E10 ART2 AM 17-6-2005 Fri 1830 (E12)
5435 E10 ART2 AM 17-6-2005 Fri 1900 (E12)
5435 E10 ART2 AM 26-6-2005 Sun 1800 (E12)
5435 E10 ART2 AM 26-6-2005 Sun 1830 (E12)
5435 E10 ART2,S2 AM 26-6-2005 Sun 1900 (E12)
5435 E10 ART2 AM 1-7-2005 Fri 1800 (E12)
5435 E10 ART2 AM 1-7-2005 Fri 1830 (E12)

5435 E10 ART2 AM 1-7-2005 Fri 1900 (E12)
5435 E10 ART2 AM 5-7-2005 Tue 1800 (E12)
5435 E10 ART2 AM 5-7-2005 Fri 1800 (E12)
5435 E10 ART2 AM 5-7-2005 Tue 1830 (E12)
5435 E10 ART2 AM 5-7-2005 Fri 1900 (E12)
5435 E10 ART2 AM 5-7-2005 Tue 1900 (E12)
5435 E10 ART2 AM 11-7-2005 Mon 1800 (E12)
5435 E10 ART2 AM 11-7-2005 Mon 1830 (E12)
5435 E10 ART2 AM 11-7-2005 Mon 1900 (E12)
5435 E10 ART2 AM 12-7-2005 Tue 1800 (E12)
5435 E10 ART2 AM 12-7-2005 Tue 1830 (E12)
5435 E10 ART2 AM 12-7-2005 Tue 1900 (E12)
5435 E10 ART 2 AM 15-7-2005 2100 (AB)
5435 E10 ART2 AM 16-7-2005 Sat 1800 (E12)
5435 E10 ART2 AM 16-7-2005 Sat 1830 (E12)
5435 E10 ART2 AM 16-7-2005 Sat 1900 (E12)
5435 E10 ART2 AM 17-7-2005 Sun 1800 (E12)
5435 E10 ART2 AM 17-7-2005 Sun 1830 (E12)
5435 E10 ART2 AM 17-7-2005 Sun 1900 (E12)
5435 E10 ART2 AM 22-7-2005 Thu 1800 (E12)
5435 E10 ART2 AM 22-7-2005 Thu 1830 (E12)
5435 E10 ART2 AM 22-7-2005 Thu 1900 (E12)
5435 E10 ART2 AM 24-7-2005 Sun 1800 (E12)
5435 E10 ART2 AM 24-7-2005 Sun 1830 (E12)
5435 E10 ART2 AM 24-7-2005 Sun 1900 (E12)
5435 E10 ART2 AM 27-7-2005 Wed 1800 (E12)
5435 E10 ART2 AM 27-7-2005 Wed 1830 (E12)
5435 E10 ART2 AM 27-7-2005 Wed 1900 (E12)
5435 E10 ART2 AM 28-7-2005 Thu 1800 (E12)
5435 E10 ART2 AM 28-7-2005 Thu 1830 (E12)
5435 E10 ART2 AM 28-7-2005 Thu 1900 (E12)
5435.0 E10 ART 2 USB 2-6-2005 Thu 0200 (BS4)
5435.0 E10 ART 54 URDTY//3415 USB 5-6-2005 Sun 0130 (BS4)
5435.0 E10 ART, 31 AUCDX // 3415 AM 6-6-2005 Mon 2300 (RNL)
5435.0 E10 ART USB 14-6-2005 Tue 0130 (BS4)
5435.0 E10 ART 54 URDTY USB 15-6-2005 Wed 0130 (BS4)
5435.0 E10 ART2 USB 28-6-2005 Tue 0200 (BS4)
5435.0 E10 ART, 93, IKGER AM 28-6-2005 Tue 2230 (RNL)
5435.0 E10 Very poor signal, only occasional words coming through
static. USB 8-7-2005 Fri 0200 (MT2)
5465.0 MX Beacon "R" really slow. CW 30-6-2005 Thu 2358 (TH2)
5465.8 MX Channel marker "R" CW 4-7-2005 2040 (AB)
5474.0 M45 074-847/31=66230 5474 stronger, //5074 CW 2-6-2005 Thu
1702 (HFD)
5745.0 S06 624-091/7=20726 AM 7-6-2005 Tue 1800 (HFD)
5762.0 V02a Voice broadcast on AM as QRM. USB to avoid? In
progress, missed callup. 3x fi USB 11-6-2005 Sat 0205
5762.0 V02a (Already in progress, very weak signal, heavy QRM)

(YL/SS) USB 16-7-2005 Sat 0422 (MS)

5819	E10	YHF 2 AM 9-6-2005 Thu 1800 (E12)
5819	E10	YHF 2 AM 10-6-2005 Fri 1800 (E12)
5819	E10	YHF 2 AM 13-6-2005 Mon 1800 (E12)
5819	E10	YHF 2 AM 14-6-2005 Tue 1800 (E12)
5819	E10	YHF 2 AM 15-6-2005 Wed 1800 (E12)
5819	E10	YHF 2 AM 17-6-2005 Fri 1800 (E12)
5819	E10	YHF 2 AM 26-6-2005 Sun 1800 (E12)
5819	E10	YHF 2 AM 1-7-2005 Fri 1800 (E12)
5819	E10	YHF 2 AM 5-7-2005 Fri 1800 (E12)
5819	E10	YHF 2 AM 5-7-2005 Tue 1800 (E12)
5819	E10	YHF 2 AM 12-7-2005 Tue 1800 (E12)
5819	E10	YHF 2 AM 16-7-2005 Sat 1800 (E12)
5819	E10	YHF 2 AM 17-7-2005 Sun 1800 (E12)
5819	E10	YHF 2 AM 22-7-2005 Thu 1800 (E12)
5819	E10	YHF 2 AM 24-7-2005 Sun 1800 (E12)
5819	E10	YHF 2 AM 27-7-2005 Wed 1800 (E12)
5819	E10	YHF 2 AM 28-7-2005 Thu 1800 (E12)
5820	E10	AM 31-5-2005 Tue 1947 (EB)
5820	E10	YHF 2 AM 15-7-2005 2100 (AB)
5820.0	E10	YHF 63 TSVDH//7918 USB 1-6-2005 Wed 0130 (BS4)
5820.0	E10	YHF2//7918 USB 2-6-2005 Thu 0200 (BS4)
5820.0	E10	YHF 30 TGDLA//4560 USB 3-6-2005 Fri 0230 (BS4)
5820.0	E10	YHF 63 TSVDH//7918 USB 5-6-2005 Sun 0130 (BS4)
5820.0	E10	YHF 63 TSVDH//7918 USB 14-6-2005 Tue 0130 (BS4)
5820.0	E10	YHF2//7918 USB 28-6-2005 Tue 0200 (BS4)
5862	MX	Channel marker "P" CW 16-6-2005 1455 (KK2)
5878.0	M13	411 (R5) (Too weak to copy and heavy QRN)(Xmtr sounds the same as 378 xmtr) CW 3-7-2005 Sun 0430 (MS)
5878.0	M13	411 (R5) BT 275 21 BT (Using same xmtr as "378" at 0300z on 5918m) CW 17-7-2005 Sun 0430 (MS)
5883.0	V02a	Bad QRM. Best heard in USB. A55622 52141 65093 (not 100% sure on callup). 3x AM 4-6-2005 Sat 0500 (ALB)
5883.0	V02a	A83061 53147 37832 (YL/SS) USB 16-7-2005 Sat 0500 (MS)
5917	M13	378 (R5) BT 285 21 BT 50029. Ends with 000 CW 2-7-2005 0300 (MS)
5917.0	M13	378 (R5) BT 285 21 BT CW 3-7-2005 Sun 0300 (MS)
5918.0	M13	378 (R5) BT 285 21 BT CW 17-7-2005 Sun 0300 (MS)
6212.0	M13	378 (R5) BT 284 22 BT CW 19-6-2005 Sun 0300 (MS)
6270	E10	AM 27-5-2005 Fri 1834 (EB)
6270	E10	ULX2 AM 2-6-2005 Thu 1830 (E12)
6270	E10	ULX2 AM 5-6-2005 1533 (SW2)
6270	E10	ULX2 AM 13-6-2005 Mon 1830 (E12)
6270	E10	ULX2 AM 14-6-2005 Tue 1830 (E12)
6270	E10	ULX2 AM 15-6-2005 Wed 1830 (E12)
6270	E10	ULX2 AM 17-6-2005 Fri 1830 (E12)
6270	E10	ULX2 AM 26-6-2005 Sun 1830 (E12)
6270	E10	ULX2 AM 1-7-2005 Fri 1830 (E12)

6270	E10	ULX2 AM 5-7-2005 Tue 1830 (E12)
6270	E10	ULX2 AM 11-7-2005 Mon 1830 (E12)
6270	E10	ULX2 AM 12-7-2005 Tue 1830 (E12)
6270	E10	ULX2 AM 16-7-2005 Sat 1830 (E12)
6270	E10	ULX2 AM 17-7-2005 Sun 1830 (E12)
6270	E10	ULX2 AM 22-7-2005 Thu 1830 (E12)
6270	E10	ULX2 AM 24-7-2005 Sun 1830 (E12)
6270.0	E10	ULX USB 14-6-2005 Tue 2300 (BS4)
6270.0	E10	ULX in tfc USB 15-6-2005 Wed 0100 (BS4)
6270.0	E10	ULX 66 FRNGQ//7760 USB 22-6-2005 Wed 0100 (BS4)
6270.0	E10	ULX, 74, KICIC // 4880 rpt 2005-04-27/2005-04-30 AM 27-6-2005 Mon 2300 (RNL)
6270.0	E10	ULX 66 FRNGQ//7760 USB 7-7-2005 Thu 0100 (BS4)
6271	E10	ULX2 AM 27-7-2005 Wed 1830 (E12)
6271	E10	ULX2 AM 28-7-2005 Thu 1830 (E12)
6370	E10	VLB 103 AM 6-6-2005 1130 (SW2)
6370	E10	VLB 103 AM 6-6-2005 1952 (SW2)
6370.0	E10	VLB2//4015 USB 1-6-2005 Wed 0145 (BS4)
6370.0	E10	VLB2//4015, 5170 USB 4-6-2005 Sat 0045 (BS4)
6370.0	E10	VLB "103" (qrm) AM 6-6-2005 Mon 2005 (RNL)
6370.0	E10	Calling VLB 103 USB 6-6-2005 Mon 2330 (NOD)
6370.0	E10	VLB2//4015, 5170 USB 26-6-2005 Sun 0145 (BS4)
6379	M22	4XZ. Israeli navy Haifa. VVV marker CW 7-7-2005 2011
6485	E03	Linc Poacher USB 4-6-2005 Sat 1943 (EB)
6498.0	E10	PCD2 USB 11-6-2005 Sat 0330 (BS4)
6547.0	M13	254 CW 7-7-2005 Thu 2100 (HFD)
6547.0	M13	254 CW 20-7-2005 Wed 2100 (HFD)
6666.0	S06	537-284/3=14493 AM 2-6-2005 Thu 1700 (HFD)
6715	M13	767 (R5) BT 206 21 BT 21823 etc. Ends with 000 CW 2-7-2005 0230 (MS)
6715.0	M13d	767 (R5) BT 296 21 BT CW 3-7-2005 Sun 0230 (MS)
6758.0	S17C	99033 AM 1-6-2005 Wed 1250 (HFD)
6758.0	S17C	63034 (?) AM 2-6-2005 Thu 1250 (HFD)
6758.0	S17C	61032 AM 4-6-2005 Sat 1250 (HFD)
6758.0	S17C	53033 AM 5-6-2005 Sun 1250 (HFD)
6758.0	S17C	58033 AM 8-6-2005 Wed 1250 (HFD)
6758.0	S17C	54032 AM 12-6-2005 Sun 1250 (HFD)
6758.0	S17C	65035 AM 14-6-2005 Tue 1250 (HFD)
6758.0	S17C	59033 AM 18-6-2005 Sat 1250 (HFD)
6758.0	S17C	63035 AM 21-6-2005 Tue 1250 (HFD)
6758.0	S17C	57033 AM 22-6-2005 Wed 1250 (HFD)
6758.0	S17C	61035 AM 26-6-2005 Sun 1250 (HFD)
6758.0	S17C	60033 AM 29-6-2005 Wed 1250 (HFD)
6758.0	S17C	56033 AM 3-7-2005 Sun 1250 (HFD)
6758.0	S17C	63035 AM 8-7-2005 Fri 1250 (HFD)
6758.0	S17C	64035 AM 12-7-2005 Tue 1250 (HFD)
6758.0	S17C	81045 AM 13-7-2005 Wed 1250 (HFD)
6758.0	S17c	USB 16-7-2005 Sat 1252 (SE-C)

6758.0 S17C 46033 AM 19-7-2005 Tue 1250 (HFD)
6758.0 S17C 63033 AM 20-7-2005 Wed 1250 (HFD)
6768.0 V02a AM 18-6-2005 Sat 0100 (DM)
6768.0 V02a A40215 85611 95996. Very weak early, not 100% sure on
callup. Strong later. 3 AM 25-6-2005 Sat 0100 (ALB)
6780.0 M10 555x3 968x3 35 (R5) (Very weak signal) CW 16-7-2005
Sat 0410 (MS)
6797.0 V02 AM 31-7-2005 Sun 2221 (BRY)
6797.0 V02c A888 16x2 A252 166x1 A888 16x2 (R3) 44621 62561 . . .
. (YL/SS) AM 8-6-2005 Wed 2200 (MS)
6797.0 V02c A346 72x5 (R3) 73511 91082 (YL/SS) AM
10-6-2005 Fri 2200 (MS)
6797.0 V02c AM 11-6-2005 Sat 2237 (DM)
6797.0 V02c (In late, missed callup) (YL/SS) AM 15-6-2005 Wed 2200
6797.0 V02c A888 16x2 A252 166x1 A888 16x2 44621 62561
(YL/SS) AM 4-7-2005 Mon 2200 (MS)
6797.0 V02c (In progress - missed callup) AM 6-7-2005 Wed 2238
6797.0 V02c A888 16x2 A252 166x1 A888 16x2 (R3) 44621 62561 . . .
. (YL/SS) AM 7-7-2005 Thu 2200 (MS)
6797.0 V02c A888 16x2 A252 166x1 A888 16x2 (R3) 44621 62561 . . .
. (YL/SS) AM 16-7-2005 Sat 2200 (MS)
6797.0 V02c A888 16x2 A252 166x1 A888 16x2 (R5) 44621 62561 . . .
. (YL/SS) AM 22-7-2005 Fri 2200 (MS)
6797.0 V02c A888 16x2 A252 166x1 A888 16x2 (R3) 44621 62561 . . .
. (YL/SS) AM 27-7-2005 Wed 2200 (MS)
6840 E10 AM 23-5-2005 Mon 1812 (EB)
6840 E10 EZI 89 WZEXL AM 2-6-2005 Thu 1800 (E12)
6840 E10 EZI2 ///9130 AM 2-6-2005 Thu 1900 (E12)
6840 E10 EZI2 ///9130 AM 3-6-2005 Fri 1900 (E12)
6840 E10 EZI 79 ENYEN 39 KHJLC/9130 AM 9-6-2005 Thu 1800 (E12)
6840 E10 EZI2 ///9130 AM 9-6-2005 Thu 1900 (E12)
6840 E10 EZI 79 ENYEN 39 KHJLC AM 10-6-2005 Fri 1800 (E12)
6840 E10 EZI 95 ?BYCO//9130 AM 13-6-2005 Mon 1800 (E12)
6840 E10 EZI2 ///9130 AM 13-6-2005 Mon 1900 (E12)
6840 E10 EZI 95 ?BYCO//9130 AM 14-6-2005 Tue 1800 (E12)
6840 E10 EZI2 ///9130 AM 14-6-2005 Tue 1900 (E12)
6840 E10 EZI 95 ?BYCO//9130 AM 15-6-2005 Wed 1800 (E12)
6840 E10 EZI2 ///9130 AM 15-6-2005 Wed 1900 (E12)
6840 E10 EZI 95 ?BYCO//9130 AM 17-6-2005 Fri 1800 (E12)
6840 E10 EZI2 ///9130 AM 17-6-2005 Fri 1900 (E12)
6840 E10 EZI ?? MQCRN 58 ZO?JP AM 26-6-2005 Sun 1800 (E12)
6840 E10 EZI2 ,S2///9130 AM 26-6-2005 Sun 1900 (E12)
6840 E10 EZI 72MQCRN 58 ZO?JP///9120 AM 1-7-2005 Fri 1800 (E12)
6840 E10 EZI2 AM 1-7-2005 Fri 1900 (E12)
6840 E10 EZI 76 KPANK//9130 AM 5-7-2005 Fri 1800 (E12)
6840 E10 EZI 76 KPANK//9130 AM 5-7-2005 Tue 1800 (E12)
6840 E10 EZI2 AM 5-7-2005 Tue 1900 (E12)
6840 E10 EZI2 AM 5-7-2005 Fri 1900 (E12)

6840 E10 EZI 32 WPWDM, 71 SUDLZ//9130 AM 11-7-2005 Mon 1800 (E12)
6840 E10 EZI2 AM 11-7-2005 Mon 1900 (E12)
6840 E10 EZI 32 WPWDM 71 SUDLZ///9130 AM 12-7-2005 Tue 1800 (E12)
6840 E10 EZI2 AM 12-7-2005 Tue 1900 (E12)
6840 E10 EZI 81 HNTDL ??????//9130 AM 16-7-2005 Sat 1800
6840 E10 EZI2 AM 16-7-2005 Sat 1900 (E12)
6840 E10 EZI 81 HNTDL ??????//9130 AM 17-7-2005 Sun 1800 (E12)
6840 E10 EZI2 AM 17-7-2005 Sun 1830 (E12)
6840 E10 EZI2 AM 17-7-2005 Sun 1900 (E12)
6840 E10 EZI 97 WITHU ??????//9130 AM 22-7-2005 Thu 1800 (E12)
6840 E10 EZI2 ///9130,S3 AM 22-7-2005 Thu 1900 (E12)
6840 E10 EZI 97 WITHU ??????//9130 AM 24-7-2005 Sun 1800 (E12)
6840 E10 EZI2 AM 24-7-2005 Sun 1900 (E12)
6840 E10 EZI 97 WITHU ??????//9130 AM 27-7-2005 Wed 1800 (E12)
6840 E10 EZI2 ///9130,S3 AM 27-7-2005 Wed 1900 (E12)
6840 E10 EZI 97 WITYH ??????//9130 AM 28-7-2005 Thu 1800 (E12)
6840 E10 EZI2 ///9130,S3 AM 28-7-2005 Thu 1900 (E12)
6840 M89 VVV Q2M Q2M Q2M DE NYZ NYZ //4860 kHz CW 24-6-2005 2112 (RGA)
6840.0 E10 EZI2//9130 USB 1-6-2005 Wed 0130 (BS4)
6840.0 E10 EZI2//9130 USB 2-6-2005 Thu 0200 (BS4)
6840.0 E10 EZI 95 YDOAW, 25 BIYLL//9130 USB 3-6-2005 Fri 0230
6840.0 E10 EZI2//9130 USB 5-6-2005 Sun 0130 (BS4)
6840.0 E10 EZI2 AM 12-6-2005 Sun 0200 (DM)
6840.0 E10 EZI USB 12-6-2005 Sun 0230 (DM)
6840.0 E10 EZI 20 HTOFG//9130 USB 14-6-2005 Tue 0130 (BS4)
6840.0 E10 EZI2//9130 USB 22-6-2005 Wed 0100 (BS4)
6840.0 E10 EZI; Group 90; 2 messages, 66 DQYL*; 63 NBQZK; vy. difficult copy tonight AM 27-6-2005 Mon 0230 (DM)
6840.0 E10 EZI2//9130 USB 28-6-2005 Tue 0200 (BS4)
6840.0 E10 EZI 2 messages; Group 70 ZNBZN; Group 70 PIYGW; // 9130 AM 2-7-2005 Sat 0230 (DM)
6840.0 E10 EZI2//9130 USB 7-7-2005 Thu 0100 (BS4)
6840.0 E10 // 9130 USB 17-7-2005 Sun 0230 (DM)
6840.0 E10 SYN2 AM 18-7-2005 Mon 0200 (DM)
6840.0 E10 USB 23-7-2005 Sat 0200 (BRY)
6840.0 E10 ECHO ZULU INDIA 2 USB 31-7-2005 Sun 0230
6854.0 M08a ID 90186 35822 58482 CW 2-6-2005 Thu 2200 (MS)
6854.0 M08a (QRN blocking) CW 9-6-2005 Thu 2200 (MS)
6854.0 M08a ID 60332 49241 48241 CW 15-6-2005 Wed 2200 (MS)
6854.0 M08a ID ----- 27733 02833 (Moved to correct freq from 7519m) CW 22-6-2005 Wed 2210 (MS)
6854.0 M08a ID 69272 61681 36321 (Repeat of 2100z on 6932m, xmtr sounded steady and strong t CW 23-6-2005 Thu 2200 (MS)
6854.0 M08a ID 09831 88524 59044 CW 6-7-2005 Wed 2200 (MS)
6854.0 M08a (Too weak for copy) CW 13-7-2005 Wed 2200 (MS)

6854.0 M08a (Too weak for copy) CW 14-7-2005 Thu 2200 (MS)
6854.0 M08a ID 88982 75531 49061 (Repeat of 2100z on 6933m) CW
20-7-2005 Wed 2200 (MS)
6854.0 M08a ID 88983 75532 49062 CW 21-7-2005 Thu 2200 (MS)
6855.0 V02a Buried under a broadcast from Mexico (?). //10446 AM
6-6-2005 Mon 0300 (ALB)
6855.0 V02a A87342 06047 99275. Weak x-mit and QRM. At end,
buried under classical music a AM 27-6-2005 Mon 0300
6855.0 V02c A888 16x2 A252 166x1 A888 16x2 (R3) 44621 62561 . . .
. (YL/SS) AM 13-6-2005 Mon 2100 (MS)
6855.0 V02c A888 16x2 A252 166x1 A888 16x2 (R3) 44621 62561 . . .
. (YL/SS) AM 15-6-2005 Wed 2100 (MS)
6855.0 V02c A888 16x2 A252 166x1 A888 16x2 (R3) 44621 62561 . . .
. (YL/SS) AM 27-6-2005 Mon 2100 (MS)
6855.0 V02c very weak at this QTH AM 1-7-2005 Fri 2100 (DM)
6855.0 V02c (Already in progress, no calls)(YL/SS) AM 12-7-2005
Tue 2100 (MS)
6855.0 V02c AM 16-7-2005 Sat 2100 (DM)
6855.0 V02c A888 16x2 A252 166x1 A888 16x2 (R3) 44621 62561 . . .
. (YL/SS) AM 16-7-2005 Sat 2100 (MS)
6855.0 V02c A888 16x2 A252 166x1 A888 16x2 (R3) 44621 62561 . . .
. (YL/SS) AM 17-7-2005 Sun 2100 (MS)
6911.0 E10 CI02; QRM from MARS traffic on 6913 LSB USB 11-6-2005
Sat 0250 (DM)
6912 E10 CI0 65T1 AM 6-6-2005 1130 (SW2)
6912 E10 CI0 65T1 AM 6-6-2005 2124 (SW2)
6912 E10 in progress AM 12-6-2005 1850 (MUK)
6912.0 E10 CI02//4165, 5230 USB 4-6-2005 Sat 0045 (BS4)
6912.0 E10 CI0 "65T1" // 4165 // 6912 AM 6-6-2005 Mon 2003 (RNL)
6912.0 E10 Calling CI0 65 Tango 1 USB 6-6-2005 Mon 2330 (NOD)
6912.0 E10 CI02//4165, 5230 USB 26-6-2005 Sun 0145 (BS4)
6930 E10 SYN2/4360 AM 2-6-2005 Thu 1845 (E12)
6930 E10 SYN2/4360 AM 3-6-2005 Fri 1845 (E12)
6930 E10 SYN 81 AM 6-6-2005 1130 (SW2)
6930 E10 SYN2/4360 AM 9-6-2005 Thu 1845 (E12)
6930 E10 SYN2/4360 AM 10-6-2005 Fri 1845 (E12)
6930 E10 SYN2 AM 12-6-2005 1849 (MUK)
6930 E10 SYN2/4360 AM 13-6-2005 Mon 1845 (E12)
6930 E10 SYN2/4360 AM 14-6-2005 Tue 1845 (E12)
6930 E10 SYN2 AM 15-6-2005 Wed 1845 (E12)
6930 E10 SYN2 AM 17-6-2005 Fri 1845 (E12)
6930 E10 SYN2//4360 AM 26-6-2005 Sun 1845 (E12)
6930.0 E10 SYN2//4360 USB 1-6-2005 Wed 0145 (BS4)
6930.0 E10 SYN2//4360, 7445 USB 4-6-2005 Sat 0045 (BS4)
6930.0 E10 SYN "81" // 4360 AM 6-6-2005 Mon 1948 (RNL)
6930.0 E10 Calling SYN 81 USB 6-6-2005 Mon 2330 (NOD)
6930.0 E10 SYN 80 Z2 AM 7-6-2005 Tue 0200 (DM)
6930.0 E10 SYN2//4360 USB 26-6-2005 Sun 0145 (BS4)

6932.0 M08a ID 69272 61681 36321 (Sounded like the xmtr was drifting a bit) CW 23-6-2005 Thu 2100 (MS)
6933.0 M08a ID 88982 75531 49061 CW 20-7-2005 Wed 2100 (MS)
6933.0 M08a (Too weak for copy) CW 27-7-2005 Wed 2100 (MS)
6959 E03 Linc Poacher USB 29-5-2005 Sun 1930 (EB)
6959 E03 LP Id 10495 USB 12-6-2005 1910 (MUK)
6959.0 E03 USB 11-6-2005 Sat 2200 (DM)
7038.7 MX Cluster beacon "P" CW 18-6-2005 1844 (RGA)
7038.7 MX Cluster beacon "D" CW 4-7-2005 2022 (AB)
7038.8 MX Cluster beacon "P" CW 4-7-2005 2022 (AB)
7038.9 MX Cluster beacon "S" CW 4-7-2005 2022 (AB)
7039 MX Cluster beacon "C" CW 18-6-2005 1844 (RGA)
7039 MX Cluster beacon "C" CW 4-7-2005 2022 (AB)
7245.0 S06 418 AM 14-6-2005 Tue 0800 (HFD)
7245.0 S06 418 AM 12-7-2005 Tue 0800 (HFD)
7250 E23 Usual 123456789 callup USB 30-6-2005 1158 (MUK)
7337 E03 LP Id 16925 USB 6-6-2005 1910 (SW2)
7445 E10 SYN 81 AM 6-6-2005 2125 (SW2)
7445.0 E10 SYN2//4360, 6930 USB 4-6-2005 Sat 0045 (BS4)
7482.0 V02c A888 16x2 A252 166x1 A888 16x2 (R3) 44621 62561 . . .
. (YL/SS) AM 8-6-2005 Wed 0900 (MS)
7482.0 V02c (In progress - missed callup) AM 6-7-2005 Wed 0900
7519.0 M08a ID 72711 12781 40491 CW 1-6-2005 Wed 2200 (MS)
7519.0 M08a ID 29302 28931 34061 CW 10-6-2005 Fri 2200 (MS)
7519.0 M08a ID 28701 11951 08691 CW 15-6-2005 Wed 2200 (MS)
7519.0 M08a ID 69271 27733 02833 (Not correct sked as it is sending too slow) CW 22-6-2005 Wed 2200 (MS)
7519.0 M08a ID ----- (Began correct sked in progress here, missed callup) CW 22-6-2005 Wed 2210 (MS)
7519.0 M08a (Began transmission at 2204z already in tfc and no callup) CW 4-7-2005 Mon 2200 (MS)
7519.0 M08a ID 47364 97884 30514 CW 6-7-2005 Wed 2200 (MS)
7519.0 M08a (Too weak and QRN too heavy, uncopiable) CW 11-7-2005 Mon 2200 (MS)
7519.0 M08a ID 68162 42282 74722 (Very weak, difficult to copy) CW 13-7-2005 Wed 2200 (MS)
7519.0 M08a ID 68921 70991 59371 CW 15-7-2005 Fri 2200 (MS)
7519.0 M08a ID 81111 67601 65741 CW 20-7-2005 Wed 2200 (MS)
7519.0 M08a (Began brdcst at 2203z already in traffic and no callup) CW 22-7-2005 Fri 2200 (MS)
7519.0 M08a ID 12553 73913 51303 CW 27-7-2005 Wed 2200 (MS)
7520.0 V02c I.P. at tune-in. Competing with QRM (religious broadcasting). AM 7-6-2005 Tue 0918 (ALB)
7526 M08a ID 64732 15172 37862 CW 21-6-2005 Tue 2200 (MS)
7526.0 M08a ID 95682 24302 35202 CW 7-6-2005 Tue 2200 (MS)
7526.0 M08a ID 68923 70993 59373 CW 19-7-2005 Tue 2200 (MS)
7527.0 V02c A888 16x2 A252 166x1 A888 16x2 (R3) 44621 62561 . . .
. (YL/SS) AM 11-7-2005 Mon 0900 (MS)

7527.0 V02c A888 16x2 A252 166x1 A888 16x2 (R3) 44621 62561 . . .
. (YL/SS) AM 14-7-2005 Thu 0900 (MS)
7540.0 E10 JSR 53 YOBAR - on the freq, where the nice Chinese
music jammer was tuning / 509 AM 9-6-2005 Thu 2030
7540.0 E10 JSR 24 ERFKK - on the same freq the nice tuning of
Chinese Music Jammer (E10 wen AM 16-7-2005 Sat 1700
7583.0 M13 474 (R5) BT 250 21 BT CW 7-7-2005 Thu 2230 (MS)
7583.0 V02a A43853 35141 39431. Lots of QRN. Very weak. AM
6-6-2005 Mon 1000 (ALB)
7605 E10 KPA 62 AM 1-6-2005 0714
7663 E11 232/00 USB 30-6-2005 0800 (MUK)
7680.0 V02a Ten-group-pause-y AM 7-6-2005 Tue 1005 (GH)
7681.0 V02c A888-16 A252-166. QRN. Variable strength. AM
23-6-2005 Thu 1000 (ALB)
7681.0 V02c A888 16x2 A252 166x1 A888 16x2 (R3) 44621 62561 . . .
. (YL/SS) AM 11-7-2005 Mon 1000 (MS)
7681.0 V02c A888 16x2 A252 166x1 A888 16x2 (R3) 44621 62561 . . .
. (YL/SS) (Cxr up but no v AM 14-7-2005 Thu 1000 (MS)
7723.0 M13 254 (R5) BT 260 20 BT CW 7-7-2005 Thu 0300 (MS)
7760 E10 ULX 3 AM 1-6-2005 0730
7760 E10 ULX2 AM 5-6-2005 1533 (SW2)
7760.0 E10 ULX 66 FRNGQ//6270 USB 22-6-2005 Wed 0100 (BS4)
7760.0 E10 ULX 66 FRNGQ//6270 USB 7-7-2005 Thu 0100 (BS4)
7790.0 E10 noisy but steady, much qrm @ my location AM 27-7-2005
Wed 0001 (LE)
7862.0 M08a ID 03473 15635 59515 CW 14-7-2005 Thu 0800 (MS)
7862.0 V02c A888-16 A252-166. Same message as 0959 on June 7,
2005 UT. Strong early, weak AM 8-6-2005 Wed 1000
7862.0 V02c A888 16x2 A252 166x1 A888 16x2 (R3) 44621 62561 . . .
. (YL/SS) AM 8-6-2005 Wed 1000 (MS)
7887.0 M08a ID 18731 39627 30862 (Came up on wrong freq, with AM
xmtr) AM 15-7-2005 Fri 1000 (MS)
7887.0 V02a Caught the very tail end of transmission. Only heard
5 5-digit codes followed b USB 29-7-2005 Fri 2034
7887.0 V02c Started early, in progress at 0858 tune in. Callup
might be A888 ??. Loud and AM 4-6-2005 Sat 0858 (ALB)
7887.0 V02c Strong signal. A346-72. 3x final. AM 5-6-2005 Sun
7887.0 V02c A888-16 A252-166. Same message as 0900 and 1000 on
June 4, 2005 UT. AM 7-6-2005 Tue 0959 (ALB)
7887.0 V02c (Missed callup) YL/SS AM 10-6-2005 Fri 2000 (MS)
7887.0 V02c A888 16x2 A252 166x1 A888 16x2 (R3) 44621 62561 . . .
. (YL/SS) AM 13-6-2005 Mon 2000 (MS)
7887.0 V02c A888-16 A252-166. Strong signal with variable
strength voice. 3x final. AM 24-6-2005 Fri 1000 (ALB)
7887.0 V02c In progress at 0858 with full message. Missed callup.
AM 25-6-2005 Sat 0858 (ALB)
7887.0 V02c A888-16 A252-166. Very weak. Finished before 0942.
AM 26-6-2005 Sun 0900 (ALB)

7887.0 V02c (In Progress - should have begun about 0900z) AM
26-6-2005 Sun 0930 (MS)
7887.0 V02c Calling 888/16 with a strong signal, clean and without
error. AM 30-6-2005 Thu 1948 (TH2)
7887.0 V02c (In late, missed callup)(YL/SS) AM 3-7-2005 Sun 0900
7887.0 V02c A888 16x2 A252 166x1 A888 16x2 (R3) 44621 62561 . . .
. (YL/SS) AM 5-7-2005 Tue 1000 (MS)
7887.0 V02c (Already in progress, no calls)(YL/SS) AM 12-7-2005
Tue 1000 (MS)
7887.0 V02c (Abruptly stopped M8a traffic and started in progress
V2c traffic) AM 15-7-2005 Fri 1019 (MS)
7887.0 V02c A888 16x2 A252 166x1 A888 16x2 (R3) 44621 62561 . . .
. (YL/SS) AM 16-7-2005 Sat 0900 (MS)
7887.0 V02c A888 16x2 A252 166x1 A888 16x2 (R3) 44621 62561 . . .
. (YL/SS) AM 16-7-2005 Sat 2000 (MS)
7887.0 V02c A888 16x2 A252 166x1 A888 16x2 (R3) 44621 62561 . . .
. (YL/SS) AM 17-7-2005 Sun 2000 (MS)
7887.0 V02c A888 16x2 A252 166x1 A888 16x2 (R3) 44621 62561 . . .
. (YL/SS) AM 31-7-2005 Sun 0900 (MS)
7918 E10 AM 31-5-2005 Tue 1947 (EB)
7918.0 E10 YHF 63 TSVDH//5820 USB 1-6-2005 Wed 0130 (BS4)
7918.0 E10 YHF2//5820 USB 2-6-2005 Thu 0200 (BS4)
7918.0 E10 YHF 63 TSVDH//5820 USB 5-6-2005 Sun 0130 (BS4)
7918.0 E10 YHF 63 TSVDH//5820 USB 14-6-2005 Tue 0130 (BS4)
7918.0 E10 YHF 63 TSVDH USB 15-6-2005 Wed 0130 (BS4)
7918.0 E10 YHF2//5820 USB 28-6-2005 Tue 0200 (BS4)
7975.0 V02c A888 16 (x4) A252 166. Strong, but some figures lost.
Same message as 0858 UT AM 4-6-2005 Sat 0959 (ALB)
7975.0 V02c Started 1 min early. A346-72. Same message as 0900UT
on 7887. 3x final. AM 5-6-2005 Sun 0959 (ALB)
7975.0 V02c Nothing here at 0902, but loud and clear at 0926.
Frequency jump with 7887 mess AM 11-6-2005 Sat 0926
7975.0 V02c A346-72. Same callup and first three "lines" as 0900
message on 7887. 3x final AM 11-6-2005 Sat 1000 (ALB)
7975.0 V02c A888 16x2 A252 166x1 A888 16x2 44621 62561
(YL/SS) AM 12-6-2005 Sun 1000 (MS)
7975.0 V02c In progress at 0958 with full message. Missed callup.
AM 25-6-2005 Sat 0958 (ALB)
7975.0 V02c A888-16 A252-166. Strong. Finished before 1039 AM
26-6-2005 Sun 1000 (ALB)
7975.0 V02c A888 16x2 A252 166x1 A888 16x2 (R3) 44621 62561 . . .
. (YL/SS) AM 26-6-2005 Sun 1000 (MS)
7975.0 V02c (In late, missed callup)(YL/SS) AM 3-7-2005 Sun 1000
7975.0 V02c A888 16x2 A252 166x1 A888 16x2 (R3) 44621 62561 . . .
. (YL/SS) AM 16-7-2005 Sat 1000 (MS)
7975.0 V02c A888 16x2 A252 166x1 A888 16x2 (R3) 44621 62561 . . .
. (YL/SS) AM 23-7-2005 Sat 1000 (MS)
7975.0 V02c A888 16x2 A252 166x1 A888 16x2 (R3) 44621 62561 . . .

. (YL/SS) AM 30-7-2005 Sat 1000 (MS)
7975.0 V02c A888 16x2 A252 166x1 A888 16x2 (R3) 44621 62561 . . .
. (YL/SS) AM 31-7-2005 Sun 1000 (MS)
8009.0 M08a ID 72712 12782 40492 CW 2-6-2005 Thu 2200 (MS)
8009.0 M08a ID 95683 24303 35203 CW 8-6-2005 Wed 2300 (MS)
8009.0 M08a ID 95684 24304 35204 CW 9-6-2005 Thu 2200 (MS)
8009.0 M08a ID 28701 11951 08691 (Repeat of 2200z on 7519m) CW
15-6-2005 Wed 2300 (MS)
8009.0 M08a ID ----- 37861 (Sked came up late, missed first
two addressees) CW 20-6-2005 Mon 2300 (MS)
8009.0 M08a ID ----- (This should be a repeat of
2200z on 7519m, but too weak t CW 22-6-2005 Wed 2300
8009.0 M08a ID 98592 04092 81042 CW 29-6-2005 Wed 2300 (MS)
8009.0 M08a ID 72711 12781 40491 (Started out loud and strong then
faded to barely readable) CW 1-7-2005 Fri 2300 (MS)
8009.0 M08a ID 47364 97884 30514 (Very, very weak signal. Barely
audible) CW 6-7-2005 Wed 2300 (MS)
8009.0 M08a ID 50091 11831 95981 CW 7-7-2005 Thu 2200 (MS)
8009.0 M08a ID 50092 11832 95982 (CW 11-7-2005 Mon 2300 (MS)
8009.0 M08a ID 68162 42282 74722 (Repeat of 2200z on 7519m, sked
off to a late start) CW 13-7-2005 Wed 2300 (MS)
8009.0 M08a ID 68163 42283 74723 CW 14-7-2005 Thu 2200 (MS)
8009.0 M08a (Early start. Already in traffic at 2300z) CW
18-7-2005 Mon 2300 (MS)
8009.0 M08a ID 81111 67601 65741 (Repeat of 2200z on 7519m) CW
20-7-2005 Wed 2300 (MS)
8009.0 M08a ID 12551 73911 51301 CW 25-7-2005 Mon 2300 (MS)
8009.0 M08a ID 12553 73913 51303 (Repeat of 2200z on 7519m) CW
27-7-2005 Wed 2300 (MS)
8010 V02a in progress //9063 kHz CW 8-6-2005 0617 (Vambo)
8010.0 M08a ID 14421 58811 45721 CW 18-7-2005 Mon 0800 (MS)
8010.0 V02 Spanish woman. In progress. S8 AM 27-7-2005 Wed 0006
(JHC)
8010.0 V02a No message at 0600. Started at 0610 in mid-message.
3x final at end. //9323 AM 3-6-2005 Fri 0610 (ALB)
8010.0 V02a A03721 01663 05492. Loud and clear. 3x final.
Simultaneous w/ broadcast on 93 AM 8-6-2005 Wed 0600
8011 V02a in progress AM 1-6-2005 0628 (Vambo)
8011.0 V02a in progress good quality & strong levels AM 1-6-2005
Wed 0006 (Vambo)
8091 E11 232/00 AM 29-7-2005 0800 (PB)
8097.0 V02a No signal up to 0505 when I stopped listening, when I
returned at 0520, message AM 2-6-2005 Thu 0520 (ALB)
8097.0 V02a Strong and clear. A35631 20303 01622. A second
fainter voice herd in backgroun AM 4-6-2005 Sat 0600
8097.0 V02a In progress, missed callup. Loud and clear. AM
9-6-2005 Thu 0528 (ALB)
8097.0 V02a A----- 40123 (In progress, YL/SS. Cxr up but no

voice until 0607z) USB 14-7-2005 Thu 0600 (MS)

8097.0 V02c A888 16x2 A252 166x1 A888 16x2 (R3) 44621 62561 . . .
. (YL/SS) AM 16-7-2005 Sat 1900 (MS)

8097.0 V02c Attencion 888 16. very weak AM 29-7-2005 Fri 1900

8131 X06 Mazielka calls 12-6-2005 1903 (JS3)

8131.0 X06 Strong signal, nothing heard after the carrier went
off (at 1900, X6 with same t AM 12-6-2005 Sun 1903

8135.0 M08a ID 74701 74781 14631 (Note: sending different calls
than the 2200z sked on 7519 CW 10-6-2005 Fri 2300 (MS)

8135.0 M08a ID 74703 74783 14633 CW 14-6-2005 Tue 2300 (MS)

8135.0 M08a ID 28703 11953 08693 CW 17-6-2005 Fri 2300 (MS)

8135.0 M08a ID 34381 34191 87161 (The 2200z sked on 8009m was nil
heard) CW 23-6-2005 Thu 2300 (MS)

8135.0 M08a ID 47363 97883 30513 CW 5-7-2005 Tue 2300 (MS)

8135.0 M08a ID 50091 11831 95981 (Repeat of 2200z on 8009m) CW
7-7-2005 Thu 2300 (MS)

8135.0 M08a ID 68163 42283 74723 (Repeat of 2200z on 8009m) CW
14-7-2005 Thu 2300 (MS)

8135.0 M08a ID 68921 70991 59371 (Repeat of 2200z on 7519m) CW
15-7-2005 Fri 2300 (MS)

8135.0 M08a ID 68923 70993 59373 (Repeat of 2200z on 7526m) CW
19-7-2005 Tue 2300 (MS)

8135.0 M08a ID 81112 67602 65742 CW 21-7-2005 Thu 2300 (MS)

8135.0 M08a ID 81113 67603 65743 (This should be a repeat of 2200z
on 7519m) CW 22-7-2005 Fri 2300 (MS)

8135.0 M08a ID 49311 39231 00031 CW 28-7-2005 Thu 2300 (MS)

8136.0 M08a ID 56306 01743 39032 CW 4-6-2005 Sat 1100 (MS)

8136.0 M08a ID 41683 80632 28282 CW 30-7-2005 Sat 1100 (MS)

8136.0 V02a A45335 36965 79935. Very weak. Finished before 0937.
AM 26-6-2005 Sun 0900 (ALB)

8136.0 V02a (In late, missed callup)(YL/SS) USB 3-7-2005 Sun 0900

8136.0 V02a A 98591 91153 89761 (YL/SS) AM 29-7-2005 Fri 0700 (MS)

8152.0 M13 284 CW 16-7-2005 Sat 2000 (HFD)

8188 E23 Usual 123456789 callup USB 30-6-2005 0950 (MUK)

8300.0 V13 yl/cc 4fgx2; i/p USB 23-7-2005 Sat 1315 (BM)

8313 XSL Slot machine PSK 1-6-2005 0653 (Vambo)

8313 XSL Slot machine PSK 18-7-2005 0722 (Vambo)

8324.0 M13 517 CW 18-7-2005 Mon 2000 (HFD)

8437 M22 4XZ. Israeli navy Haifa. VVV marker CW 7-7-2005 2011

8437 M89 V T3AP T3AP T3AP de QF3K QF3K CW 7-7-2005 1542 (AtB)

8464 E03 Linc Poacher USB 4-6-2005 Sat 1946 (EB)

8494.7 MX Cluster beacon "D" CW 5-7-2005 1957 (AB)

8494.8 MX Cluster beacon "P" CW 21-6-2005 2131 (RGA)

8494.9 MX Cluster beacon "S" CW 5-7-2005 1957 (AB)

8495 MX Cluster beacon "C" CW 21-6-2005 2131 (RGA)

8495 MX Cluster beacon "C" CW 5-7-2005 1957 (AB)

8495.2 MX Cluster beacon "F" CW 26-5-2005 1147 (AJP)

8495.2 MX Cluster beacon "F" CW 6-6-2005 1610 (JNZ)

8495.3 MX Cluster beacon "K" CW 26-5-2005 1147 (AJP)
8495.3 MX Cluster beacon "K" CW 6-6-2005 1610 (JNZ)
8495.4 MX Cluster beacon "M" CW 6-6-2005 1610 (JNZ)
8544 E11b 184/35 USB 12-7-2005 0830 (TPA)
8544.0 E11 182/00 AM 14-6-2005 Tue 0830 (HFD)
8554 M87 zxs zxs zxs de de rdq rdq rdq qruu va CW 21-6-2005
8678.0 XM "Whales" transmission USB 16-7-2005 Sat 0603 (MT2)
9062 M08a in progress CW 1-6-2005 0510 (Vambo)
9062.0 M08a In Progress//S800M//Brooklyn CW 8-6-2005 Wed 0520 (GS)
9062.0 M08a In Progress//S800M//Brooklyn CW 22-6-2005 Wed 0500
9062.0 M08a ID 58186 15014 06933 (Repeat of 0300z on 10344m) CW
7-7-2005 Thu 0400 (MS)
9062.0 M08a ID 58189 60131 39531 (Repeat of 0300z on 10344m) CW
14-7-2005 Thu 0400 (MS)
9062.0 V02a In Progress//S800M//Brooklyn USB 10-6-2005 Fri 0540
9063 V02a in progress //8010 kHz CW 8-6-2005 0617 (Vambo)
9063.0 V02a A03721 01663 05492. Same message as 0600 UT on 8010.
Loud and clear. 3x final AM 8-6-2005 Wed 0700 (ALB)
9070.0 G06 308/0 AM 4-7-2005 Mon 2000 (HFD)
9080.0 E06 792/0 AM 20-7-2005 Wed 2200 (HFD)
9110.0 S06 371/0 AM 20-7-2005 Wed 1240 (HFD)
9112.0 M08a ID 03471 35301 04651 CW 12-7-2005 Tue 0700 (MS)
9130 E10 EZI2 AM 2-6-2005 Thu 1831 (EB)
9130 E10 EZI2 AM 4-6-2005 Sat 1903 (EB)
9130 E10 AM 7-6-2005 Tue 1825 (EB)
9130 E10 EZI2 AM 12-6-2005 1934 (MUK)
9130 E10 EZI2 AM 13-6-2005 Mon 1830 (E12)
9130 E10 EZI2 AM 14-6-2005 Tue 1830 (E12)
9130 E10 EZI2 AM 15-6-2005 Wed 1830 (E12)
9130 E10 EZI2 AM 17-6-2005 Fri 1830 (E12)
9130 E10 EZI2 AM 26-6-2005 Sun 1830 (E12)
9130 E10 EZI2 AM 1-7-2005 Fri 1830 (E12)
9130 E10 EZI2 AM 5-7-2005 Tue 1830 (E12)
9130 E10 EZI2 AM 11-7-2005 Mon 1830 (E12)
9130.0 E10 EZI2//6840 USB 1-6-2005 Wed 0130 (BS4)
9130.0 E10 EZI2//6840 USB 2-6-2005 Thu 0200 (BS4)
9130.0 E10 EZI 95 YDOAW, 25 BIYLL//6840 USB 3-6-2005 Fri 0230
9130.0 E10 EZI2//6840 USB 5-6-2005 Sun 0130 (BS4)
9130.0 E10 EZI2 USB 11-6-2005 Sat 0330 (BS4)
9130.0 E10 EZI 20 HT0FG//6840 USB 14-6-2005 Tue 0130 (BS4)
9130.0 E10 EZI2//6840 USB 22-6-2005 Wed 0100 (BS4)
9130.0 E10 EZI2//6840 USB 28-6-2005 Tue 0200 (BS4)
9130.0 E10 EZI 2 messages; Group 70 ZNBZN; Group 70 PIYGW; //
9130 AM 2-7-2005 Sat 0230 (DM)
9130.0 E10 EZI2 USB 2-7-2005 Sat 2030 (BS4)
9130.0 E10 EZI USB 2-7-2005 Sat 2130 (BS4)
9130.0 E10 EZI 74 ACRBT USB 2-7-2005 Sat 2330 (BS4)
9130.0 E10 EZI2//6840 USB 7-7-2005 Thu 0100 (BS4)

9130.0 E10 // 6840 USB 17-7-2005 Sun 0230 (DM)
 9130.0 E10 EZI 2; two minutes before transmission, a single EZI was sent AM 30-7-2005 Sat 0200 (MIN)
 9130.0 E11 187/00 AM 8-7-2005 Fri 1200 (HFD)
 9152.0 M08a ID 02822 75761 88193 CW 4-6-2005 Sat 1200 (MS)
 9152.0 M08a ID 41681 23523 80751 CW 23-7-2005 Sat 1200 (MS)
 9152.0 M08a ID 41683 80632 28282 (Repeat of 1100z on 8136m) CW 30-7-2005 Sat 1200 (MS)
 9153 V02a in progress AM 27-6-2005 0542 (Vambo)
 9153.0 M08a ID 16803 63702 29812 CW 10-6-2005 Fri 1000 (MS)
 9153.0 M08a (Carrier only until 1019z and then about 4-5 groups of traffic and then uncopiab AM 15-7-2005 Fri 1000 (MS)
 9153.0 V02a Heard strong carrier come on at 0704, but only made out the rare 9 and 0. Very AM 2-6-2005 Thu 0700 (ALB)
 9153.0 V02a Loud and clear. A35631 20303 01662. Same message as 0600 UT today. 3x final. AM 4-6-2005 Sat 0700 (ALB)
 9153.0 V02a Started very early! QRM, weak. A92911 85--1 ----1. Only caught last part of t AM 6-6-2005 Mon 0450 (ALB)
 9153.0 V02a In progress. Missed callup. Honking, buzzing & humming in background. Jam? L AM 10-6-2005 Fri 0506
 9153.0 V02a In progress. Heavy whine and buzz through. Found on 9153.5 but shifted AM 20-6-2005 Mon 0005 (Vambo)
 9153.0 V02a In progress at tune-in. Heavy QRN from local t-storms. AM 24-6-2005 Fri 0512 (ALB)
 9153.0 V02a A39355 76001 40123 (Repeat of 0600z on 8097m) USB 14-7-2005 Thu 0700 (MS)
 9183.0 M13 (Probably "272", already in traffic. Arrived home late from work to catch the b CW 19-7-2005 Tue 2108
 9202 E10 AM 28-5-2005 Sat 2003 (EB)
 9202 E10 YHF1 AM 7-6-2005 2000 (JS3)
 9202.0 E10 YHF1 AM 7-6-2005 Tue 2000 (JS3)
 9238.0 M08a ID 40092 87742 76962 CW 13-7-2005 Wed 0900 (MS)
 9238.0 M08a ID 18732 01261 18891 CW 17-7-2005 Sun 1100 (MS)
 9238.0 M08a ID 71184 28283 (Late start for sked) (Repeat of 1000z on 9252m) CW 31-7-2005 Sun 1100 (MS)
 9251 E03 Linc Poacher USB 29-5-2005 Sun 1827 (EB)
 9251 E03 LP Id 16925 USB 5-6-2005 Sun 1802 (EB)
 9251 E03 Linc Poacher USB 7-6-2005 Tue 1816 (EB)
 9251 E03 LP in progress USB 12-6-2005 1912 (MUK)
 9252.0 M08a (Very weak, new freq, and under an AM carrier) 71184 CW 31-7-2005 Sun 1000 (MS)
 9270 E06 690 690 690 00000 AM 17-7-2005 1830 (IW)
 9320.0 E06 296:0 AM 1-6-2005 Wed 2200 (HFD)
 9322.0 V02a SS/YL/5FG. ended with "Final Final" USB 21-7-2005 Thu 0400 (BRY)
 9323.0 M08a ID 22641 35844 75091 CW 12-7-2005 Tue 1000 (MS)
 9323.0 M08a (Too weak for copy) CW 14-7-2005 Thu 1000 (MS)
 9323.0 M08a ID 47372 28162 61471 CW 16-7-2005 Sat 1000 (MS)

9323.0 M08a ID 47572 86313 61721 CW 30-7-2005 Sat 1000 (MS)
 9323.0 M08a ID 05632 33692 58862 (Repeat of 0800z on 10236m) CW
 31-7-2005 Sun 0900 (MS)
 9323.0 V02a Very, very weak. Could only make out the "Atencion".
 AM 2-6-2005 Thu 0400 (ALB)
 9323.0 V02a Mechanical/metallic humming/howling before, during and
 after message. No messag AM 3-6-2005 Fri 0610 (ALB)
 9323.0 V02a A 92911 85771 66421. Probably repeat of 0450 UT
 message on 9153. Different mes AM 6-6-2005 Mon 0600
 9323.0 V02a A16001 21821 86011. QRM (faint) voice at beginning,
 then sound of writing, the AM 9-6-2005 Thu 0400 (ALB)
 9323.0 V02a A92913 85873 66423. QRM (hum) that was still up after
 end of broadcast. Voice AM 10-6-2005 Fri 0600 (ALB)
 9323.0 V02a In Progress//S800M//Brooklyn USB 10-6-2005 Fri 0600
 9323.0 V02a In Progress/Weak//S800M//Brooklyn USB 17-6-2005 Fri
 0600 (GS)
 9323.0 V02a A16005 21823 33726. V. weak with QRN. Best heard on
 USB, but is AM. AM 23-6-2005 Thu 0400 (ALB)
 9323.0 V02a In Progress//S800M//Brooklyn USB 11-7-2005 Mon 0600
 9323.0 V02a A12402 59666 55624 USB 14-7-2005 Thu 0400 (MS)
 9331 V02a in progress AM 1-6-2005 0605 (Vambo)
 9331.0 M08a ID 75762 17461 02823 CW 8-6-2005 Wed 1000 (MS)
 9331.0 M08a ID ----- 15063(2) (QRM very heavy, signal weak,
 practically uncopiable) CW 11-7-2005 Mon 1200 (MS)
 9331.0 M08a ID 83722 75875 73991 CW 13-7-2005 Wed 1000 (MS)
 9331.0 M08a ID 79392 35045 15065 CW 13-7-2005 Wed 1200 (MS)
 9331.0 M08a ID 31651 45872 22582 CW 15-7-2005 Fri 1200 (MS)
 9331.0 M08a ID 31653 66661 74401 CW 18-7-2005 Mon 1200 (MS)
 9331.0 V02a A59633 55623 60563. High pitched QRM sounding like
 fast Morse. Different messa AM 6-6-2005 Mon 0600
 9331.0 V02a A92916 85772 66426. QRN and little QRM. Transmission
 ended before 0642. Simul AM 8-6-2005 Wed 0600 (ALB)
 9331.0 V02a In Progress//S800M//Brooklyn USB 11-7-2005 Mon 0600
 9354.0 V02a A92902 85772 66426. Almost lost under QRM ("Family
 Radio"). USB to avoid? Hig USB 8-6-2005 Wed 0500
 9354.0 V02a In Progress//S800M//Brooklyn USB 22-6-2005 Wed 0500
 9386.0 M10 555:266-84/19= 16944 CW 16-7-2005 Sat 1950 (HFD)
 9448.0 E11 312/00 AM 22-7-2005 Fri 1230 (HFD)
 9450 E25 747 27 39 USB 30-6-2005 1145 (MUK)
 9450.0 E25 906 call then 8431 4710 7346 9037 3988 7066 4931 8816
 5808 4907 2443 4710 6341 r AM 16-7-2005 Sat 0012 (MUK)
 9450.0 E25 906 USB 17-7-2005 Sun 1232 (SE-C)
 9553 M87 345 345 345 333 333 (rptd) = = 070 070 23 23 = = 5fg
 (cut) ... 000 000 ttt CW 21-6-2005 0900 (IB)
 9610 E11 312/00 AM 29-7-2005 1030 (PB)
 9610.0 E11 312/00 AM 5-7-2005 Tue 1030 (HFD)
 9670.0 S06 418 AM 14-6-2005 Tue 0810 (HFD)
 9670.0 S06 418/0 AM 19-7-2005 Tue 0810 (HFD)

9821 M87 249 249 249 249 000 CW 21-6-2005 0130 (IB)
 9928 E07 319 319 319 1 AM 22-6-2005 2040 (AB)
 9928 E07 319 319 319 1 AM 27-6-2005 2040 (MUK)
 9928.0 E07 319:1-385/38=98193 2 min too late AM 27-6-2005 Mon
 2042 (HFD)
 9928.0 E07 319:1-9724/42= 23806 AM 4-7-2005 Mon 2040 (HFD)
 9950.0 E11 183/00 AM 21-6-2005 Tue 1300 (HFD)
 10119.0 M08a In Progress//S800M//Brooklyn CW 1-6-2005 Wed 0500 (GS)
 10119.0 M08a In Progress//S800M//Brooklyn CW 8-6-2005 Wed 0520 (GS)
 10119.0 M08a In Progress//S800M//Brooklyn CW 22-6-2005 Wed 0500
 10125.0 E11 187/00 AM 24-6-2005 Fri 1200 (HFD)
 10125.0 M08a ID ----- 40523 05751 (Sorry, missed first addressee)
 CW 4-6-2005 Sat 0300 (MS)
 10125.0 M08a In Progress//S800M//Brooklyn CW 14-6-2005 Tue 0305
 10125.0 M08a TNTWD MUNUU; buzzing tone on signal CW 18-6-2005 Sat
 0300 (DM)
 10126 E07 441 441 441 1 AM 3-6-2005 1740 (MUK)
 10126.0 E07 ip AM 20-7-2005 Wed 1742 (HFD)
 10126.0 M08a ID 97782 80062 32882 CW 4-6-2005 Sat 0900 (MS)
 10126.0 M08a ID 75762 17461 02823 (Repeat of 1000z on 9331m) CW
 8-6-2005 Wed 1100 (MS)
 10126.0 M08a ID 16803 63702 29812 (Repeat of 1000z on 9153m) CW
 10-6-2005 Fri 1100 (MS)
 10126.0 M08a (Already in progress, no calls) CW 12-7-2005 Tue 0327
 10126.0 M08a ID 83722 75875 73991 (Repeat of 1000z on 9331m) CW
 13-7-2005 Wed 1100 (MS)
 10126.0 M08a (AM carrier again and uncopiable garbling for whole
 sked) AM 15-7-2005 Fri 1100 (MS)
 10126.0 M08a ID 51406 73035 39326 CW 16-7-2005 Sat 0300 (MS)
 10126.0 M08a (Sked off to a late start) ID ----- 05212 71852 CW
 16-7-2005 Sat 0900 (MS)
 10175.0 S06 895 AM 2-6-2005 Thu 1000 (HFD)
 10193 X06 Mazielka calls 11-6-2005 0745 (OZ1HDF)
 10235.0 M08a In Progress//S800M//Brooklyn CW 5-7-2005 Tue 0420 (GS)
 10235.0 M08a ID 60132 07281 30861 CW 15-7-2005 Fri 0400 (MS)
 10235.0 M08a In Progress//S800M//Brooklyn CW 20-7-2005 Wed 0400
 10236.0 M08a ID 05632 33692 58862 CW 31-7-2005 Sun 0800 (MS)
 10270 E06 690 690 690 00000 AM 12-6-2005 1831 (MUK)
 10324 E07 in progress AM 29-6-2005 1808 (OZ1HDF)
 10344.0 M08a in progress some gading not simultaneous with 10445
 CW 16-6-2005 Thu 0003 (Vambo)
 10344.0 M08a ID 58186 15014 06933 CW 7-7-2005 Thu 0300 (MS)
 10344.0 M08a ID 58189 60131 39531 CW 14-7-2005 Thu 0300 (MS)
 10344.0 M08a ID 47372 28162 61471 (Repeat of 1000z on 9323m) CW
 16-7-2005 Sat 1100 (MS)
 10344.0 M08a ID 73562 86311 11231 CW 23-7-2005 Sat 1100 (MS)
 10345.0 V02a (Too weak for copy) (YL/SS) AM 30-7-2005 Sat 1100 (MS)
 10352 E10 KPA2 AM 28-5-2005 Sat 2019 (EB)

10353.0 E07 573:1 AM 7-7-2005 Thu 2050 (HFD)
10387.0 m13 501 (R5) (At this point, target was extremely weak and uncopyable) CW 24-7-2005 Sun 0415 (MS)
10420 MX Channel marker "V" CW 8-6-2005 0509 (Vambo)
10426 E03 Linc Poacher USB 4-6-2005 Sat 1444 (EB)
10427.0 M13 261 (R5) (Too weak for copy) CW 6-6-2005 Mon 2000 (MS)
10436 E07 441 441 441 1 AM 12-6-2005 1740 (MUK)
10445.0 M08 Signal loud and clear. No specifics as I need Morse practice! CW 2-6-2005 Thu 0300 (ALB)
10445.0 M08a in progress very good levels CW 16-6-2005 Thu 0003
10446 V02a in progress AM 27-6-2005 0528 (Vambo)
10446.0 M08a ID 22643 07703 30861 CW 14-7-2005 Thu 1100 (MS)
10446.0 V02 AM 27-7-2005 Wed 0300 (WK)
10446.0 V02a Weak and broken. A 12??? ?8?2? 1?89? // on 4479 AM 1-6-2005 Wed 0300 (ALB)
10446.0 V02a QRM, very weak. A 0-09- 88-4- ---92 (?) //6855 AM 6-6-2005 Mon 0300 (ALB)
10446.0 V02a A38124 13056 45953. Only 1 final. USB 27-6-2005 Mon 0300 (ALB)
10446.0 V02a A60103 15073 38125. Hum in background. The numbers 1, 0 and 6 are rushed still USB 29-6-2005 Wed 0300
10446.0 V02a In Progress//S800M//Brooklyn USB 20-7-2005 Wed 0330
10479 M42 Dep. of State Comms Moscow. Msg to RFU on link 00102 Baudot 50/500 20-7-2005 1200 (LD0)
10536.0 M13 746 (R5) BT 25. .. BT (QRN heavy, signal fades out) CW 6-6-2005 Mon 2120 (MS)
10536.0 M13 746 (R5) BT 253 2, BT (Better than yesterday, but still very weak) CW 7-6-2005 Tue 2120 (MS)
10566.0 M08a ID 79392 35045 15065 (Repeat of 1200z on 9331m) CW 13-7-2005 Wed 1300 (MS)
10566.0 M08a (Already in progress, just partial callups) ID -----
----- 22582 (Rpt of 1200z o CW 15-7-2005 Fri 1300 (MS)
10648 E10 AM 22-5-2005 Sun 1806 (EB)
10648 E10 AM 23-5-2005 Mon 1819 (EB)
10648 E10 YHF2 AM 31-5-2005 Tue 1833 (EB)
10648 E10 YHF2 AM 6-6-2005 Mon 1803 (EB)
10670 S06 719 00000 AM 8-6-2005 1532 (Frank)
10715.0 M08 Not sure if this is M8. It was supposed to be a V2 broadcast, but came up with CW 5-6-2005 Sun 1200 (ALB)
10715.0 V02a in progress AM 17-7-2005 Sun 1208 (MT2)
10720.0 G06 308/0 AM 4-7-2005 Mon 1900 (HFD)
10778 E10 AM 23-5-2005 Mon 1821 (EB)
10816 X06 Mazielka calls 8-6-2005 1507 (Frank)
10819.0 M12 739 (Very weak) CW 15-7-2005 Fri 1940 (MS)
10858.0 M08a ID 79393 45871 22581 CW 14-7-2005 Thu 1200 (MS)
10858.0 M08a ID 46542 23521 30863 CW 16-7-2005 Sat 1200 (MS)
10858.0 M08a ID 80422 94963 21023 CW 23-7-2005 Sat 1200 (MS)
10858.0 M08a ID 78152 97073 24983 CW 30-7-2005 Sat 1200 (MS)

10871.7	MX	Cluster beacon "D" CW 4-7-2005 2044 (AB)
10871.8	MX	Cluster beacon "P" CW 4-7-2005 2022 (AB)
10871.9	MX	Cluster beacon "S" CW 3-6-2005 2000 (RGA)
10871.9	MX	Cluster beacon "S" CW 4-7-2005 2022 (AB)
10872	MX	Cluster beacon "C" CW 3-6-2005 2000 (RGA)
10872	MX	Cluster beacon "C" CW 11-6-2005 0816 (DW)
10872	MX	Cluster beacon "C" CW 4-7-2005 2022 (AB)
11054.0	M13	517 (R5) BT 255 20 BT (Very weak) CW 4-7-2005 Mon 2000 (MS)
11096	M22	4XZ. Israeli navy Haifa CW 10-6-2005 1505 (EB)
11096	M22	4XZ. Israeli navy Haifa CW 11-6-2005 2330 (PF)
11103	E07	319 319 319 1 AM 22-6-2005 2020 (AB)
11103	E07	319 319 319 1 AM 27-6-2005 2020 (MUK)
11103.0	E07	ip AM 22-6-2005 Wed 2022 (HFD)
11103.0	E07	319:1-385/38=98193 hard to hear AM 27-6-2005 Mon 2020 (HFD)
11103.0	E07	319:1-9724/42= 23806 AM 4-7-2005 Mon 2020 (HFD)
11120.0	G06	308:0 AM 6-6-2005 Mon 1900 (HFD)
11130.0	E06	792/0 AM 20-7-2005 Wed 2100 (HFD)
11132	E07	113 113 113 1 AM 30-6-2005 2050 (MUK)
11249	M87	5FGs CW 24-6-2005 0630 (IB)
11417	M42	Dep. of State Comms Moscow. Msg on link 60069 MFSK31/CROWD36 20-7-2005 1537 (LDO)
11431.0	M08a	ID 45644 99035 25244 CW 5-7-2005 Tue 0500 (MS)
11454	E07	441 441 441 1 AM 3-6-2005 1720 (MUK)
11477.0	M13	474 (R5) BT 250 21 BT CW 7-7-2005 Thu 0630 (MS)
11480.0	E06	296:0 AM 1-6-2005 Wed 2100 (HFD)
11545	E03	LP USB 3-6-2005 1934 (RGA)
11545	E03	LP Id 10607 USB 15-6-2005 2008 (RGA)
11545	E03	LP 29506 USB 1-8-2005 2000 (AB)
11545.0	E03	12046//ARC-190//KFOK USB 15-6-2005 Wed 1500 (GS)
11545.0	E03	Preamble heard/message weak and unreadable//ARC-190//KFOK USB 15-6-2005 Wed 1800 (GS)
11565	E10	EZI2 AM 29-5-2005 Sun 1903 (EB)
11565	E10	EZI AM 15-7-2005 2100 (AB)
11565.0	E10	EZI USB 2-7-2005 Sat 2000 (BS4)
11565.0	E10	USB 31-7-2005 Sun 0300 (WK)
11565.0	V02a	YL/SS; i/p; terrible audio AM 17-6-2005 Fri 0309 (BM)
11566.0	V02a	In progress. Weak. Sounded like USB mode, but unable to tune it in in USB. AM 3-6-2005 Fri 0315 (ALB)
11566.0	V02a	single call at 1257, start broadcast 1300, start message 1304, finale at 1346 AM 17-7-2005 Sun 1300
11566.0	V02a	This was unusually distorted on AM, I found it had no USB! She seems to vary her LSB 26-7-2005 Tue 0400
11612	M13	517 (R5) BT 254 21 BT CW 21-6-2005 Tue 1900 (MS)
11612	M13	517 (R5) BT 254 21 BT CW 21-6-2005 Tue 2000 (MS)
11612.0	M13	517 (R5) BT 254 21 BT CW 6-6-2005 Mon 2000 (MS)
11612.0	M13	517 (R5) BT 254 21 BT CW 7-6-2005 Tue 2000 (MS)

11612.0 M13 517 (R5) BT 254 21 BT CW 20-6-2005 Mon 2000 (MS)
12077.0 M12 950x3 1 (R2) CW 15-7-2005 Fri 2149 (MS)
12093.0 M08a ID ----- 86632 62402 (Late start, missed first addressee) CW 4-6-2005 Sat 1300 (MS)
12093.0 M08a ID 31652 45873 22583 (Should have been a repeat of 1200z on 10858m, but sent dif CW 16-7-2005 Sat 1300
12093.0 M08a ID 80422 94963 21023 (Repeat of 1200z on 10858m) CW 23-7-2005 Sat 1300 (MS)
12093.0 M08a ID 78152 97073 24983 (Repeat of 1200z on 10858m) CW 30-7-2005 Sat 1300 (MS)
12115 E07 113 113 113 1 AM 30-6-2005 2030 (MUK)
12115.0 E07 113:1-174/74=12162 AM 2-6-2005 Thu 2030 (HFD)
12141 E07 441 441 441 1 AM 12-6-2005 1720 (MUK)
12150 M87 698 698 698 698 698 000 CW 21-6-2005 1300 (IB)
12153.0 M12 (In progress, missed callup) CW 15-7-2005 Fri 1920
12165.0 V02a A28124 12056 45953. Not 100% sure on callup, much QRN and weak, variable streng AM 27-6-2005 Mon 0200 (ALB)
12210.0 G06 178/0 AM 16-7-2005 Sat 2020 (HFD)
12210.0 S06 947/0 AM 27-6-2005 Mon 2015 (HFD)
12214 M08 in progress CW 24-6-2005 0305 (Vambo)
12214.0 M08 In progress. Strong levels. CW 3-6-2005 Fri 0003
12215 V02a in progress AM 24-6-2005 2030 (Vambo)
12215.0 V02a In progress. 3x final at end. //5417 AM 3-6-2005 Fri 0210 (ALB)
12215.0 V02a (In progress, missed callup) AM 15-7-2005 Fri 0214
12215.0 V02a !Atencion! 58156 45154 52524 !Atencion! Final, final, final. Very strong here AM 19-7-2005 Tue 0200
12215.0 V02a Call 58176 47154 75754 AM 19-7-2005 Tue 0201 (MT2)
12218.0 M13 458 (R5) BT 250 21 BT CW 11-7-2005 Mon 2200 (MS)
12226.0 M10 (Already in progress) CW 17-7-2005 Sun 1928 (MS)
12494.0 M13 261 (R5) BT 294 20 BT CW 17-7-2005 Sun 1900 (MS)
12494.0 M13 261 (R5) BT 294 20 BT CW 17-7-2005 Sun 2000 (MS)
12574.0 M13 714 (R5) (Too weak for further copy) CW 14-7-2005 Thu 2000 (MS)
12603 E03 Linc Poacher USB 29-5-2005 Sun 1819 (EB)
12603 E03 Linc Poacher USB 31-5-2005 Tue 1732 (EB)
12603 E03 Linc Poacher USB 31-5-2005 Tue 1732 (EB)
12603 E03 Linc Poacher USB 2-6-2005 Thu 1824 (EB)
12603 E03 LP Id 16925 USB 5-6-2005 Sun 1802 (EB)
12603.0 E03 64245//ARC-190//KFOK USB 15-6-2005 Wed 1700 (GS)
12754.0 M13 714 (R5) BT 250 23 BT CW 15-7-2005 Fri 2000 (MS)
12754.0 M13 714 (R5) BT 250 23 BT (Very weak signal, really had to dig for this one) CW 28-7-2005 Thu 2000 (MS)
12754.0 M13 714 (R5) BT 250 23 BT CW 29-7-2005 Fri 2000 (MS)
12884.0 M13 254 (R5) (Too weak for further copy) CW 7-7-2005 Thu 2000 (MS)
12884.0 M13 253 (R5) BT 253 20 BT CW 8-7-2005 Fri 2000 (MS)
12884.0 M13 253 (R5) BT 253 20 BT (Very weak signal, not 100% sure

of group count) CW 21-7-2005 Thu 2000 (MS)

12935.0 S06 862 AM 5-7-2005 Tue 0810 (HFD)

13021.0 M20 M20? Sending 10 "V"s (sometimes more) pauses for a moment (sometimes minutes) an CW 3-6-2005 Fri 0004

13158.0 M13 714 (R5) BT 249 21 BT CW 9-6-2005 Thu 2000 (MS)

13158.0 M13 714 (R5) BT 249 21 BT (Repeat of June 9, 2005 sked at same time and freq) CW 10-6-2005 Fri 2000 (MS)

13257.0 M13 253 (R5) BT 252 21 BT CW 2-6-2005 Thu 2000 (MS)

13375 E03 Linc Poacher USB 27-5-2005 Fri 1935 (EB)

13375 E03 Linc Poacher USB 31-5-2005 Tue 1732 (EB)

13375 E03 LP Id 41669 USB 4-6-2005 Sat 1511 (EB)

13376 E07 319 319 319 1 AM 22-6-2005 2000 (AB)

13376 E07 319 319 319 1 AM 27-6-2005 2000 (MUK)

13376.0 E07 319:1-385/38=98193 AM 27-6-2005 Mon 2000 (HFD)

13376.0 E07 319:1-9724/42= 23806 AM 4-7-2005 Mon 2000 (HFD)

13376.0 E07 319:1-613/50=5816? AM 13-7-2005 Wed 2000 (HFD)

13388.0 M12 303x3 0 0 0 (Null sked) CW 16-7-2005 Sat 1900 (MS)

13436.0 V02a in progress AM 19-7-2005 Tue 0100 (DM)

13468 E07 441 441 441 1 AM 3-6-2005 1700 (MUK)

13468 E07 441 441 441 1 AM 12-6-2005 1703 (MUK)

13468.0 E07 ip AM 12-6-2005 Sun 1705 (HFD)

13511 E07 113 113 113 1 AM 30-6-2005 2010 (MUK)

13526.0 E07 573:1 AM 7-7-2005 Thu 2010 (HFD)

13527.7 MX Cluster beacon "P" CW 20-6-2005 0052 (Vambo)

13527.7 MX Cluster beacon "D" CW 22-6-2005 1507 (RGA)

13527.7 MX Cluster beacon "D" CW 4-7-2005 2022 (AB)

13527.9 MX Cluster beacon "S" CW 20-6-2005 0052 (Vambo)

13527.9 MX Cluster beacon "S" CW 22-6-2005 1509 (RGA)

13527.9 MX Cluster beacon "S" CW 4-7-2005 2043 (AB)

13528 MX Cluster beacon "C" CW 2-6-2005 0352 (Vambo)

13528 MX Cluster beacon "C" CW 20-6-2005 0052 (Vambo)

13528 MX Cluster beacon "C" CW 22-6-2005 1508 (RGA)

13528 MX Cluster beacon "C" CW 4-7-2005 2022 (AB)

13533 E10 EZI AM 15-7-2005 2100 (AB)

13533.0 E10 EZI 13 QC?UD USB 2-7-2005 Sat 2100 (BS4)

13533.0 E10 EZI 60 WCMNN - in the same range MX Clusters "D" and "S" AM 16-7-2005 Sat 1730 (JS3)

13533.0 E10 EZI (weak) AM 17-7-2005 Sun 1300 (JS3)

13567.0 M12 739 (Very weak, could only make out callup twice) CW 15-7-2005 Fri 1900 (MS)

13577.0 M12 950x3 1 (R2) CW 15-7-2005 Fri 2120 (MS)

13915.0 E06 857-349/151=30221 AM 8-7-2005 Fri 0500 (HFD)

13940.0 S06 174/0 AM 21-6-2005 Tue 1730 (HFD)

14389.0 E07 234:0 weak modulation AM 8-6-2005 Wed 2020 (HFD)

14487 E03 Linc Poacher USB 2-6-2005 Thu 1824 (EB)

14487 E03 LP Id 39652 USB 5-6-2005 1410 (SW2)

14487.0 E03 12046//ARC-190//KFOK USB 15-6-2005 Wed 1500 (GS)

14487.0 E03 64245//ARC-190//KFOK USB 15-6-2005 Wed 1700 (GS)

14487.0 E03 Very weak but audible, about S1 today USB 7-7-2005 Thu
1300 (ZW)
14620.0 V07 635:0 AM 2-6-2005 Thu 0600 (HFD)
14977.0 M12 950x3 1 (R2) CW 15-7-2005 Fri 2100 (MS)
15040 E22 YD6 // 17385 kHz AM 16-7-2005 1100 (AB)
15040 E22 XN6 // 17385 kHz AM 22-7-2005 1300 (AB)
15040 E22 ZY8 // 17385 kHz AM 22-7-2005 1400 (AB)
15040.0 E22 Call Papa November Eight, PN8 (also on 17385 the same
time) AM 9-7-2005 Sat 0013 (MUK)
15040.0 E22 Quebec Tango Three, QT3 (also on 17385 the same time)
AM 16-7-2005 Sat 0013 (MUK)
15040.0 E22 Papa Seirra 5 USB 16-7-2005 Sat 1200 (SE-C)
15040.0 E22 Julie(?) Tango 3 USB 16-7-2005 Sat 1300 (SE-C)
15040.0 E22 QT3 with the long intro tone before (rpt at 1306) AM
16-7-2005 Sat 1300 (JS3)
15040.0 E22 Mike November 2 USB 16-7-2005 Sat 1400 (SE-C)
15040.0 E22 Zulu Yankee eight. ZY8 (also on 17385 the same time)
AM 22-7-2005 Fri 0014 (MUK)
15040.0 E22 sending MN2 AM 27-7-2005 Wed 1400 (NOD)
15682 E03 LP Id 39652 USB 5-6-2005 1410 (SW2)
15682.0 E03 Signal about S4 with QRM, copyable USB 7-7-2005 Thu
1300 (ZW)
15980.0 E10 EZI2 AM 17-7-2005 Sun 1330 (JS3)
16084.0 E03 12046//ARC-190//KFOK USB 15-6-2005 Wed 1500 (GS)
16084.0 E03 Very weak today, S1 USB 7-7-2005 Thu 1300 (ZW)
16320.0 V07 635:0 AM 2-6-2005 Thu 0620 (HFD)
16331.7 MX Cluster beacon "D" CW 4-7-2005 2022 (AB)
16331.9 MX Cluster beacon "S" CW 5-7-2005 1955 (AB)
16332 MX Cluster beacon "C" CW 4-7-2005 2022 (AB)
16419 M87 154 154 154 154 000 CW 21-6-2005 0330 (IB)
16475.0 E03 64245//ARC-190//KFOK USB 15-6-2005 Wed 1700 (GS)
17385 E22 YD6 AM 16-7-2005 1100 (IW)
17385 E22 YD6 // 15040 kHz AM 16-7-2005 1100 (AB)
17385 E22 PS5 AM 16-7-2005 1200 (IW)
17385 E22 QT3 AM 16-7-2005 1300 (IW)
17385 E22 XN6 // 15040 kHz AM 22-7-2005 1300 (AB)
17385 E22 ZY8 // 15040 kHz AM 22-7-2005 1400 (AB)
17385.0 E22 Papa Sierra Five, PS5 (also on 15040 the same time) AM
16-7-2005 Sat 0012 (MUK)
17385.0 E22 Mike November Two, MN2 (also on 15040 the same time)
AM 16-7-2005 Sat 0014 (MUK)
17410.0 E10 EZI2//19715 USB 11-6-2005 Sat 1530 (BS4)
19715.0 E10 EZI2//17410 USB 11-6-2005 Sat 1530 (BS4)

<<<<<>>>>>

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Well, that's it for the moment. Please send us your findings, they are most welcome.

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